Changes between 2003 - 2022 Data Files:

American Time Use Survey (ATUS)

June 2023

Changes between 2003 - 2022 ATUS Data Files

Changes to survey design, sampling, weighting, variable definitions, imputation, and other methodology can have serious implications for interpretation of results. The purpose of this document is to detail any such changes made to ATUS survey methods and data files from 2003 to 2022. Only years for which changes were made are listed.

1. Sample Reduction

2004: The monthly sample was reduced by 35 percent beginning with the sample introduced in December 2003. Because of the reduction, there were fewer completed interviews in the years after 2003 than there were in 2003. For example, there were 13,973 completed interviews in 2004 compared to 20,720 interviews in 2003. Since the sample reduction was introduced in December 2003, the first few months in 2004 have a greater number of completed interviews than later months.

2005: There was no sample reduction between 2004 and 2005, but 2004 had a greater number of completed interviews in the first few months of 2004 than in 2005 because of the sample reduction introduced in December 2003. The 2005 completed interviews are more evenly distributed across months.

For more information, see the ATUS User's Guide (www.bls.gov/tus/atususersguide.pdf).

2. Data Collection

2005:   In April 2005, ATUS migrated to the Census Bureau's new standardized computer system for managing telephone interviews. The case and call outcome codes and the outcome assignment methodology are slightly different between the old and new systems. Thus, 2003 and 2004 case and call outcome codes are different from those used in 2005 to 2022.

For more information, see the 2005 Survey Methodology data dictionary: www.bls.gov/tus/dictionaries/atussmcodebk05.pdf

2020:   Data collection was suspended when the Census Bureau data collection center was closed on March 19, 2020. Data collection resumed, at a reduced capacity, on May 11, 2020.ATUS data were not collected about the days March 18, 2020 to May 9, 2020, which coincided with a time when most residents of the United States were encouraged to stay home to prevent the spread of COVID-19. The ATUS does not have information on how people spent their time during this period when data were not collected. ATUS data collected in 2020 are not representative of the full year because they were collected for only 10 months.

For more information about the effects of the pandemic on the collection and processing of ATUS data, see: www.bls.gov/tus/notices/2021/covid19.htm

3. Questionnaire Changes

2004:   Minor changes to survey questions were introduced in ATUS in October 2003. More detailed secondary childcare questions were asked about own household children, own nonhousehold children, and non-own household children. Also, a new question about eating was introduced. Respondents who did not report eating or drinking on their diary day are asked, "Did you do any eating or drinking yesterday as your main activity?"

2006:   A five-minute Eating & Health (EH) module was introduced in January 2006. This module included questions related to eating, meal preparation, and health, all of which were asked after completion of the ATUS questions.   This module was fielded from 2006-2008.
For more information, see the ATUS Eating & Health Module Questionnaire (www.bls.gov/tus/questionnaires/ehmquestionnaire0608.pdf).

2009:   No modules were conducted in 2009.

2010:   Minor changes to survey questions were introduced in ATUS in January 2010; new options were added to the question which asks who the respondent was with while he or she was doing the activity. The ATUS also began collecting this information for times when respondents reported they had been working. For more information, see the 2010 ATUS Interview Data Dictionary: www.bls.gov/tus/dictionaries/atusintcodebk10.pdf.

A five-minute Well-being (WB) module was introduced in January 2010. This module used the ATUS diary to capture how people felt during selected activities.   Respondents also were asked a few questions about their general health. This module was fielded through December 2010. For more information.

2011:   Eldercare questions were introduced in ATUS in January 2011. The ATUS eldercare questions were designed specifically to identify eldercare providers and collect information about the time they spent providing eldercare, the relationship between the care provider and care recipient, whether the recipient and caregiver live in the same household, the duration of care for the care recipient, and the age of the care recipient. The eldercare questions replaced the trips questions. For more information, see the ATUS Questionnaire (www.bls.gov/tus/questionnaires/tuquestionnaire.pdf) and the 2011 ATUS Interview Data Dictionary (www.bls.gov/tus/dictionaries/atusintcodebk11.pdf).

A five-minute Leave (LV) module was introduced in January 2011. This module collected information about workers' access to and use of paid and unpaid leave. The module also included questions about workplace flexibility. The Leave module was fielded through December 2011. For more information, see the ATUS 2011 Leave Module Questionnaire (www.bls.gov/tus/questionnaires/lvmquestionnaire.pdf).

2012:   A five-minute Well-being (WB) module was conducted again in 2012 and 2013. This module used the ATUS diary to capture how people felt during selected activities.   Respondents also were asked a few questions about their general health. Starting in 2012, the WB module added two questions about life satisfaction and how typical the diary day was for the respondent. This module was fielded January 2012 through December 2013. For more information, see the ATUS Well-being Questionnaire (www.bls.gov/tus/questionnaires/wbmquestionnaire.pdf).

2013:   Minor changes to a survey question were introduced in ATUS in January 2013; new options were added to the eldercare question which asks who the respondent provided care to. For more information, see the ATUS Questionnaire (www.bls.gov/tus/questionnaires/tuquestionnaire.pdf) and the 2013 ATUS Interview Data Dictionary (www.bls.gov/tus/dictionaries/atusintcodebk13.pdf).

2014: A five-minute Eating & Health (EH) module was introduced in January 2014. This module was similar to the 2006-08 EH module and was fielded from January 2014 through December 2016. For more information, see the ATUS Eating & Health Module Questionnaire (www.bls.gov/tus/questionnaires/ehmquestionnaire1416.pdf).

2017: A five-minute Leave (LV) module was introduced in January 2017. This module collected information about workers' access to and use of paid and unpaid leave. The module also included questions about workers' schedules and workplace flexibility. The Leave module was fielded through December 2018. For more information, see the ATUS 2017 Leave Module Questionnaire (www.bls.gov/tus/questionnaires/lvmquestionnaire1718.pdf).

2019: No modules were conducted in 2019.

2020: No modules were conducted in 2020.

2021: A five-minute Well-being (WB) module was introduced in March 2021. This module used the ATUS diary to capture how people felt during selected activities. This module was similar to the 2013 WB module and was fielded March 2021 through December 2021. For more information, see the ATUS Well-being Questionnaire (www.bls.gov/tus/questionnaires/wbmquestionnaire.pdf).

2022: A five-minute Eating & Health (EH) module was introduced in January 2022. This module was similar to the 2006-08 and 2014-16 EH modules. This module will become available later in 2023.

4. Weighting Changes

The method used to develop statistical weights for the 2020 ATUS data was modified. Time-use estimates produced with the 2020 statistical weights represent only the days before and after the pandemic-related shutdown in data collection. That is, they will represent the periods January 1st to March 17th and May 10th to December 31st. When using the 2020 ATUS data, researchers need to use the weighting variable TU20FWGT instead of TUFINLWGT.

There were no changes in the method used to generate statistical weights (the variable TUFINLWGT) on the ATUS data files from 2006 to 2019 and in 2021. However, the method used to generate the weighting variable TUFINLWGT on the ATUS files changed each year from 2003 to 2006. Thus, researchers who create multi-year data sets using the single-year data files should not use the weighting variable TUFINLWGT for all years.

Users who combine multiple years of ATUS data must use weights that were generated using comparable methods. TU06FWGT is a weighting variable appearing on the 2003 to 2005 files that was generated using the 2006 weighting method. Users who combine ATUS data for the years 2003 to 2019 and 2021 should use the variable TU06FWGT to weight the 2003 to 2005 data and the variable TUFINLWGT to weight the 2006 through 2019 and 2021 data. While it's possible to combine the 2020 data with other years, researchers should be careful using multiple years of ATUS data to produce estimates. Annual estimates with the 2020 data are not possible, but researchers can produce partial-year estimates using data collected before or after the pandemic-related shutdown.

The variables TU04FWGT (on the 2003 files) and TUFINLWGT on the 2004 and 2005 files also were generated using comparable weighting methods. Researchers who combine the 2003 to 2005 data files can use this combination of weighting variables or the variable TU06FWGT for all years. (Note that while the method used to generate TUFINLWGT changed from 2004 to 2005, the difference in methods is slight and has little impact on estimates.)

Researchers may prefer to use the ATUS multi-year microdata files. These files combine several years of annual ATUS data. The multi-year data files use the 2006 weighting method for 2003-2019 and 2021, and activity codes that take into account the changes that have occurred over the years. For convenience, TU20FWGT is also included on the multi-year files however, this weighting variable is not comparable with the multi-year weight. TUFNWGTP is the weighting variable on the multi-year data files and was generated using the 2006 weighting method. For more information about the multi-year data files, please see: www.bls.gov/tus/data/datafiles-0322.htm.

For more information, see the ATUS User's Guide (www.bls.gov/tus/atususersguide.pdf).

5. Public Use ATUS Files

Public use ATUS files are released every year. The following table lists the availability of files by year.

	2003-2005	2006-2008	2009	2010	2011	2012-2013	2014-2016	2017-2018	2019-2020	2021	2022
Basic ATUS data files											
Respondent file	x	x	x	x	x	x	x	x	x	x	x
Roster file	x	x	x	x	x	x	x	x	x	x	x
Activity file	x	x	x	x	x	x	x	x	x	x	x
Who file	x	x	x	x	x	x	x	x	x	x	x
Eldercare Roster file						x	x	x	x	x	x
ATUS-CPS file	x	x	x	x	x	x	x	x	x	x	x
Activity Summary file	x	x	x	x	x	x	x	x	x	x	x
Additional ATUS data files											
Case History file	x	x	x	x	x	x	x	x	x	x	x
Call History file		x	x	x	x	x	x	x	x	x	x
Trips file		x	x	x							
Replicate Weights file	x	x	x	x	x	x	x	x	x	x	x
ATUS Module data files											
ATUS Eating & Health Module											
EH Respondent file		x					x				x
EH Child file		x									
EH Activity file		x					x				x
EH Replicate Weights file		x					x				x
ATUS Well-being Module											
WB Respondent file				x		x				x	
WB Activity file				x		x				x	
Replicate Weights for WB Respondent file				x		x				x	
Replicate Weights for WB Activity file				x		x				x	
ATUS Leave Module											
LV Respondent file					x			x			
LV Replicate Weights file					x			x			

6. ATUS Coding Lexicon Changes

2004: There are minor differences between the 2003 and 2004 Coding Lexicons. Some activity codes were added and others deleted.

2005: The first-tier code for travel was changed from TUTIER1CODE = 17 to TUTIER1CODE = 18. There were also some minor differences between the 2004 and 2005 Coding Lexicons.

2006: There are minor differences between the 2005 and 2006 Coding Lexicons.

2007: There are minor differences between the 2006 and 2007 Coding Lexicons.

2008: There are minor differences between the 2007 and 2008 Coding Lexicons.

2008-10: There were no changes to the 2008 through 2010 Coding Lexicons.

2011: Some examples were added to the 2011 Coding Lexicons. All activity codes were identical to those from 2008-10.

2012: Some examples were added to the 2012 Coding Lexicons. All activity codes were identical to those from 2008-11.

2013: There are minor differences between the 2012 and 2013 Coding Lexicons.

2014: Some examples were added to the 2014 Coding Lexicons. All activity codes were identical to those from 2013.

2015: Some examples were added to the 2015 Coding Lexicons. All activity codes were identical to those from 2013-14.

2016: Some examples were added to the 2016 Coding Lexicons. All activity codes were identical to those from 2013-15.

2017: Some examples were added to the 2017 Coding Lexicons. All activity codes were identical to those from 2013-16.

2018: Some examples were updated in the 2018 Coding Lexicons. All activity codes were identical to those from 2013-17.

2019: No examples were updated in the 2019 Coding Lexicons. All activity codes were identical to those from 2013-18.

2020: Many examples were added in the 2020 Coding Lexicons. All activity codes were identical to those from 2013-19.

2021: No examples were updated in the 2021 Coding Lexicons. All activity codes were identical to those from 2013-20.

2022: Some examples were updated in the 2022 Coding Lexicons. All activity codes were identical those from 2013-21

For more information, see www.bls.gov/tus/lexicons/lexiconchanges.pdf.

7. Linking ATUS to CPS

2004: Because of May 2004 changes to the CPS file format, the method used to link ATUS files to CPS files is different for those cases whose final CPS interview occurred after May 2004. For additional details, see the 2004 ATUS-CPS data dictionary (www.bls.gov/tus/dictionaries/atuscpscodebk04.pdf).

Please see Appendix K of the ATUS User's Guide for more detailed information about how to link CPS files to ATUS files (www.bls.gov/tus/atususersguide.pdf).

8. Variables and values

From 2003-2022, variables have been added, removed, and updated on the ATUS data files. The next section lists changes to variables on the ATUS Respondent, Roster, Activity, Who, Case History, Call History, Eldercare Roster, and the ATUS-CPS files. This document provides an overview of these changes made since 2003 and a table summarizing the changes by year from 2003-2013, and from 2014-2022.

Changes to Variables, 2014 – 2022										
Variable		**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
Respondent file										
TEIO1ICD	Edited: industry code (main job) **2010:** Beginning in January 2010 ATUS, industry data were classified using the 2007 Census Industry Classification system. This system replaced the 2002 Census Industry Classification system. Cases with [TUYEAR < 2010] have industry data classified using the 2002 Census Industry Classification System. Cases with [2009 < TUYEAR < 2014] have industry data classified using the 2007 Census Industry Classification system. **2014:** Beginning in January 2014 ATUS, industry data were classified using the 2012 Census Industry Classification system. This system replaced the 2007 Census Industry Classification system. Cases with [2009 < TUYEAR < 2014] have industry data classified using the 2007 Census Industry Classification System. Cases with [2013 < TUYEAR < 2020] have industry data classified using the 2012 Census Industry Classification system. **2020:** Beginning in January 2020 ATUS, industry data were classified using the 2017 Census Industry Classification system. This system replaced the 2012 Census Industry Classification system. Cases with [2013 < TUYEAR < 2020] have industry data classified using the 2012 Census Industry Classification System. All other cases with [TUYEAR > 2019] have industry data classified using the 2017 Census Industry Classification system.	VC	X	X	X	X	X	VC	X	X
TEIO1OCD	Edited: occupation code (main job) **2011:** Beginning in January 2011 ATUS, occupation data were classified using the 2010 Census Occupation Classification system. This system replaced the 2002 Census Occupation Classification system. Cases with [TUYEAR < 2011] have occupation data classified using the 2002 Census Occupation Classification system. All other cases with [2010 < TUYEAR < 2020] have occupation data classified using the 2010 Census Occupation Classification system. **2020:** Beginning in January 2020 ATUS, occupation data were classified using the 2018 Census Occupation Classification system. This system replaced the 2010 Census Occupation Classification system. Cases with [2010 < TUYEAR < 2020] have occupation data classified using the 2010 Census Occupation Classification system. All other cases with [TUYEAR > 2019] have occupation data classified using the 2018 Census Occupation Classification system.	X	X	X	X	X	X	VC	X	X

	Changes to Variables, 2014 – 2022									
Variable		2014	2015	2016	2017	2018	2019	2020	2021	2022
TRDTIND1	Detailed industry recode (main job) **2010:** Beginning in January 2010 ATUS, industry data were classified using the 2007 Census Industry Classification system. This system replaced the 2002 Census Industry Classification system. Cases with [TUYEAR < 2010] have industry data classified using the 2002 Census Industry Classification System. Cases with [2009 < TUYEAR < 2014] have industry data classified using the 2007 Census Industry Classification system. **2014:** Beginning in January 2014 ATUS, industry data were classified using the 2012 Census Industry Classification system. This system replaced the 2007 Census Industry Classification system. Cases with [2009 < TUYEAR < 2014] have industry data classified using the 2007 Census Industry Classification System. Cases with [2013 < TUYEAR < 2020] have industry data classified using the 2012 Census Industry Classification system. **2020**: Beginning in January 2020 ATUS, industry data were classified using the 2017 Census Industry Classification system. This system replaced the 2012 Census Industry Classification system. Cases with [2013 < TUYEAR < 2020] have industry data classified using the 2012 Census Industry Classification System. All other cases with [TUYEAR > 2019] have industry data classified using the 2017 Census Industry Classification system.	X	X	X	X	X	X	A	X	X
TRDTOCC1	Detailed occupation recode (main job) **2011:** Beginning in January 2011 ATUS, occupation data were classified using the 2010 Census Occupation Classification system. This system replaced the 2002 Census Occupation Classification system. Cases with [TUYEAR < 2011] have occupation data classified using the 2002 Census Occupation Classification system. All other cases with [2010 < TUYEAR < 2020] have occupation data classified using the 2010 Census Occupation Classification system. **2020:** Beginning in January 2020 ATUS, occupation data were classified using the 2018 Census Occupation Classification system. This system replaced the 2010 Census Occupation Classification system. Cases with [2010 < TUYEAR < 2020] have occupation data classified using the 2010 Census Occupation Classification system. All other cases with [TUYEAR > 2019] have occupation data classified using the 2018 Census Occupation Classification system.	X	X	X	X	X	X	A	X	X
TREMODR	Respondent to ATUS Eating and Health module	X	X	X	-	-	-	-	-	X
TRLVMODR	Respondent to ATUS Leave module	-	-	-	X	X	-	-	-	-
TRMJOCC1	Major occupation recode (main job) **2011:** Beginning in January 2011 ATUS, occupation data were classified using the 2010 Census Occupation Classification system. This system replaced the 2002 Census Occupation Classification system. Cases with [TUYEAR < 2011] have occupation data classified using the 2002 Census Occupation Classification system. All other cases with [2010 < TUYEAR < 2020] have occupation data classified using the 2010 Census Occupation Classification system. **2020:** Beginning in January 2020 ATUS, occupation data were classified using the 2018 Census Occupation Classification system. This system replaced the 2010 Census Occupation Classification system. Cases with [2010 < TUYEAR < 2020] have occupation data classified using the 2010 Census Occupation Classification system. All other cases with [TUYEAR > 2019] have occupation data classified using the 2018 Census Occupation Classification system.	X	X	X	X	X	X	A	X	X

Changes to Variables, 2014 – 2022										
Variable		**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
TRMJOCGR	Major occupation category (main job) **2011:** Beginning in January 2011 ATUS, occupation data were classified using the 2010 Census Occupation Classification system. This system replaced the 2002 Census Occupation Classification system. Cases with [TUYEAR < 2011] have occupation data classified using the 2002 Census Occupation Classification system. All other cases with [2010 < TUYEAR < 2020] have occupation data classified using the 2010 Census Occupation Classification system. **2020:** Beginning in January 2020 ATUS, occupation data were classified using the 2018 Census Occupation Classification system. This system replaced the 2010 Census Occupation Classification system. Cases with [2010 < TUYEAR < 2020] have occupation data classified using the 2010 Census Occupation Classification system. All other cases with [TUYEAR > 2019] have occupation data classified using the 2018 Census Occupation Classification system.	X	X	X	X	X	X	A	X	X
TRNUMHOU	Number of people living in respondent's household	X	X	X	X	X	X	X	X	X
TRTALONE_WK	Total time spent during diary day alone, including work activities	X	X	X	X	X	X	X	X	X
TRTCC	Total time spent during diary day providing secondary childcare for household and own non-household children under 13 **2003 and 2004:** TRTCC = sum of all TRTCC_LN for all of the respondent's activities. **TRTCC is slightly different due to changes in TRTCC_LN.**	X	X	X	X	X	X	X	X	X
TRTCCC_WK	Total time spent during diary day with customers, clients, co-workers, including work activities	X	X	X	X	X	X	X	X	X
TRTCCTOT	Total time spent during diary day providing secondary childcare for all children under 13 **2003 and 2004:** TRTCCTOT = sum of max (TRTCC_LN, TRTCOC_LN) for all of the respondent's activities. **TRTCCTOT is slightly different due to changes in TRTCC_LN and TRTCOC_LN.**	X	X	X	X	X	X	X	X	X
TRTCOC	Total time spent during diary day providing secondary childcare for non-own non-household children under 13 **2003 and 2004:** TRTCOC = sum of all TRTCOC_LN for all of the respondent's activities. **TRTCOC is slightly different due to changes in TRTCOC_LN.**	X	X	X	X	X	X	X	X	X
TRTEC	Total time spent during diary day providing eldercare	X	X	X	X	X	X	X	X	X
TRTFAMILY	Total amount of time spent with family members **2003:** Excludes own non-household children **2004:** Includes own non-household children	X	X	X	X	X	X	X	X	X
TRTHH	Total time spent during diary day providing secondary childcare for household children under 13	X	X	X	X	X	X	X	X	X
TRTNOHH	Total time spent during diary day providing secondary childcare for non-own household children under 13	X	X	X	X	X	X	X	X	X
TRTO	Total time spent during diary day providing secondary childcare for own children under 13	X	X	X	X	X	X	X	X	X
TRTOHH	Total time spent during diary day providing secondary childcare for own household children under 13	X	X	X	X	X	X	X	X	X
TRTONHH	Total time spent during diary day providing secondary childcare for own non-household children under 13	X	X	X	X	X	X	X	X	X
TRWBMODR	Respondent to ATUS Well-Being module	-	-	-	-	-	-	-	X	-
TU20FWGT	**2020:** ATUS 2020 final weight in lieu of TUFINLWGT	-	-	-	-	-	-	X	-	-
TUBNCHWGT	ATUS Benchmark weight	-	-	-	-	-	-	-	-	-

Changes to Variables, 2014 – 2022										
Variable		2014	2015	2016	2017	2018	2019	2020	2021	2022
TUCC5_CK	Reason respondent did not report secondary childcare activities for own household children	X	X	X	X	X	X	X	X	X
TUCC5B_CK	Reason respondent did not report secondary childcare activities for non-own household children	X	X	X	X	X	X	X	X	X
TUECYTD	Did you provide any eldercare or assistance yesterday?	X	X	X	X	X	X	X	X	X
TUELDER	Not including financial assistance or help you provided as part of your job, since the first of [reference month], have you provided any care or assistance for an adult who needed help because of a condition related to aging? The reference month is 3 months prior to the interview.	X	X	X	X	X	X	X	X	X
TUELFREQ	How often did you provide this care?	X	X	X	X	X	X	X	X	X
TUELNUM	Since the first of [reference month], how many people have you provided this care to?	X	X	X	X	X	X	X	X	X
TUFINLWGT	**2020**: Not on file. Use TU20FWGT for 2020	X	X	X	X	X	X	-	X	X
TUIO1MFG	Is this business or organization mainly manufacturing, retail trade, wholesale trade, or something else? **2003 and 2004:** Defined only for respondents whose industry information was updated in the ATUS interview **2005:** Defined for respondents whose industry information was updated in the ATUS interview; populated with CPS values of PUIO1MFG for respondents whose industry information was not updated in the ATUS interview	X	X	X	X	X	X	X	X	X
TXTCCTOT	TRTCCTOT_LN and TRTCCTOT: allocation flag	X	X	X	X	X	X	X	X	X
TXTHH	TRTHH_LN and TRTHH: allocation flag	X	X	X	X	X	X	X	X	X
TXTNOHH	TRTNOHH_LN and TRTNOHH: allocation flag	X	X	X	X	X	X	X	X	X
TXTO	TRTO_LN and TRTO: allocation flag	X	X	X	X	X	X	X	X	X
TXTOHH	TRTOHH_LN and TRTOHH: allocation flag	X	X	X	X	X	X	X	X	X

Changes to Variables, 2014 – 2022										
Variable		2014	2015	2016	2017	2018	2019	2020	2021	2022
TXTONHH	TRTONHH_LN and TRTONHH: allocation flag	X	X	X	X	X	X	X	X	X
Roster file										
TEAGE	Age **2003 and 2004:** Topcode (maximum value) of 80 **2005:** Topcode (maximum value) of 85	X	X	X	X	X	X	X	X	X
TERRP	**2010:** Edits updated to permit same-sex unmarried couples. Same-sex married couples are coded as same-sex unmarried couples **2020:** Edits updated to permit same-sex married couples	X	X	X	X	X	X	A	X	X
TURRP	Relationship to respondent (unedited version of TERRP)	-	-	-	-	-	-	-	-	-
Activity File										
TEWHERE	Where were you during the activity? **2004:** Three additional values for TEWHERE were added in October 2004	X	X	X	X	X	X	X	X	X
TR_03CC57	Was at least one of your household or own non-household children under 13 in your care during this activity? **2004:** Replaced by TUCC5, TUCC5B, and TUCC7	-	-	-	-	-	-	-	-	-
TRCODE	Six-digit activity code	X	X	X	X	X	X	X	X	X
TRWBELIG	Flag identifying activities that were eligible for selection in the Well-Being module	-	-	-	-	-	-	-	X	X
TRTCC_LN	Total time spent during activity providing secondary childcare for household and own non-household children under 13 **2003:** If an activity has TR_03CC57 =1 and the activity code ≠ 0101xx, 0301xx, 0302xx, 0303xx, or 170301, then TRTCC_LN = TUACTDUR24. If the information is incomplete, TRTCC_LN is imputed; imputations are based on the amount of time the respondent spent with household or own non-household children. **2004 and 2005:** TRTCC_LN = max (TRTOHH_LN, TRTNOHH_LN, TRTONHH_LN) **TRTCC_LN is slightly different due to small conceptual differences between the 2003 and 2004 methods**	X	X	X	X	X	X	X	X	X
TRTCCTOT_LN	Total time spent during activity providing secondary childcare for all children under 13	X	X	X	X	X	X	X	X	X

Changes to Variables, 2014 – 2022											
Variable		2014	2015	2016	2017	2018	2019	2020	2021	2022
TRTCOC_LN	Total time spent during activity providing secondary childcare for non-own non-household children under 13 **2003**: If an activity has TUCC8=1 and the activity code ≠ 0101xx, 0401xx, 0402xx, 0403xx, or 170401, then TRTCOC_LN = TUACTDUR24. If the information is incomplete (TUCC8 is 0 for all activities or is -2 or -3 for any activity), TRTCOC_LN is imputed; imputations are based on the amount of time the respondent spent with non-own non-household children. **2004:** If an activity has TUCC8=1 and the activity code ≠ 0101xx, 0301xx, 0302xx, 0303xx, 0401xx, 0402xx, 0403xx, 170301, or 170401, then TRTCOC_LN = TUACTDUR24. If the information is incomplete (TUCC8 is 0 for all activities or is -2 or -3 for any activity), TRTCOC_LN is imputed based on the amount of time the respondent spent with non-own non-household children. **TRTCOC_LN is slightly different in 2003 and 2004 due to small conceptual differences.** **2005:** If an activity has TUCC8=1 and the activity code ≠ 0101xx, 0301xx, 0302xx, 0303xx, 0401xx, 0402xx, 0403xx, 180301, 180302, 180303, 180401, 180402, or 180403, then TRTCOC_LN = TUACTDUR24. If the information is incomplete (TUCC8 is 0 for all activities or is -2 or -3 for any activity), TRTCOC_LN is imputed based on the amount of time the respondent spent with non-own non-household children. **The 2005 changes reflect changes to the Coding Lexicon and not to conceptual changes in the definition of secondary childcare.**	X	X	X	X	X	X	X	X	X
TRTEC_LN	Time (in minutes) spent providing eldercare by activity	X	X	X	X	X	X	X	X	X
TRTIER2	First and second activity tiers	X	X	X	X	X	X	X	X	X
TRTHH_LN	Total time spent during activity providing secondary childcare for household children under 13	X	X	X	X	X	X	X	X	X
TRTNOHH_LN	Total time spent during activity providing secondary childcare for non-own household children under 13	X	X	X	X	X	X	X	X	X
TRTO_LN	Total time spent during activity providing secondary childcare for own children under 13	X	X	X	X	X	X	X	X	X
TRTOHH_LN	Total time spent during activity providing secondary childcare for own household children under 13 **2004**: If an activity has TUCC5=1 and the activity code ≠ 0101xx, 0301xx, 0302xx, 0303xx, or 170301, then TRTOHH_LN = TUACTDUR24. If the information is incomplete (TUCC5 is 0 for all activities or is -2 or -3 for any activity), TRTOHH_LN is imputed; imputations are based on the amount of time the respondent spent with own household children under 13. **2005**: If an activity has TUCC5=1 and the activity code ≠ 0101xx, 0301xx, 0302xx, 0303xx, 180301, 180302, or 180303, then TRTOHH_LN = TUACTDUR24. If the information is incomplete (TUCC5 is 0 for all activities or is -2 or -3 for any activity), TRTOHH_LN is imputed; imputations are based on the amount of time the respondent spent with own household children under 13. **The 2005 changes reflect changes to the Coding Lexicon and not to conceptual changes in the definition of secondary childcare.**	X	X	X	X	X	X	X	X	X
TRTONHH_LN	Total time spent during activity providing secondary childcare for own non-household children under 13									

	Changes to Variables, 2014 – 2022									
Variable		**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
	2004: If an activity has TUCC7=1 and the activity code ≠ 0101xx, 0301xx, 0302xx, 0303xx, 0401xx, 0402xx, 0403xx, 170301, or 170401, then TRTCOC_LN = TUACTDUR24. If the information is incomplete (TUCC7 is 0 for all activities or is -2 or -3 for any activity), TRTONHH_LN is imputed; imputations are based on the amount of time the respondent spent with non-own non-household children. **2005**: If an activity has TUCC7=1 and the activity code ≠ 0101xx, 0301xx, 0302xx, 0303xx, 0401xx, 0402xx, 0403xx, 180301, 180302, 180303, 180401, 180402, or 180403, then TRTONHH_LN = TUACTDUR24. If the information is incomplete (TUCC7 is 0 for all activities or is -2 or -3 for any activity), TRTONHH_LN is imputed; imputations are based on the amount of time the respondent spent with own non-household children under 13. **The 2005 changes reflect changes to the Coding Lexicon and not to conceptual changes in the definition of secondary childcare.**	X	X	X	X	X	X	X	X	X
TUCC5	Was at least one of your own household children under 13 in your care during this activity? **2004:** Replaced TR_03CC57	X	X	X	X	X	X	X	X	X
TUCC5B	Was at least one of your non-own household children under 13 in your care during this activity? **2004:** Replaced TR_03CC57	X	X	X	X	X	X	X	X	X
TUCC7	Was at least one of your own non-household children under 13 in your care during this activity? **2004:** Replaced TR_03CC57	X	X	X	X	X	X	X	X	X
TUDURSTOP	Method for reporting activity duration **2012**: This variable was added to the public use files **2014**: Variable was not included on public use files	-	X	X	X	X	X	X	X	X
TUEC24	At which times or during which activities did you provide that eldercare or assistance yesterday?	X	X	X	X	X	X	X	X	X
TUTIER1CODE	Lexicon Tier 1: 1st and 2nd digits of 6-digit activity code **2005:** Value for "Traveling" changed from "17" to "18"	X	X	X	X	X	X	X	X	X
TUTIER2CODE	Lexicon Tier 2: 3rd and 4th digits of 6-digit activity code **2005:** Value for "Security procedures related to traveling" changed from "17" to "18"	X	X	X	X	X	X	X	X	X
TUTIER3CODE	Lexicon Tier 3: 4th and 5th digits of 6-digit activity code **2004 and 2005:** Some values were changed	X	X	X	X	X	X	X	X	X
Who file										
TUWHO_CODE	Who was with you? / Who accompanied you? **2006:** Cases enrolled in High School (TESCHENR = 1) no longer collect TUWHO_CODE data for activity code, 060101. **2010:** One value was removed and four values were added for TUWHO_CODE in January 2010.	X	X	X	X	X	X	X	X	X

Changes to Variables, 2014 – 2022											
Variable		**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
Eldercare Roster file (new in 2011)										
TEAGE_EC	Edited: age of eldercare recipient	X	X	X	X	X	X	X	X	X
TEELDUR	Edited: how long have you provided this care (to this person)?	X	X	X	X	X	X	X	X	X
TEELWHO	Edited: who did you give this care to? **2013:** Two values were removed and four values were added to TEELWHO in January 2013.	X	X	X	X	X	X	X	X	X
TEELYRS	Edited: how many years have you provided care (to this person)?	X	X	X	X	X	X	X	X	X
TRELHH	Eldercare recipient is a household member	X	X	X	X	X	X	X	X	X
TXAGE_EC	TEAGE_EC: allocation flag	X	X	X	X	X	X	X	X	X
TXELDUR	TEELDUR: allocation flag	X	X	X	X	X	X	X	X	X
TXELWHO	TEELWHO: allocation flag	X	X	X	X	X	X	X	X	X
TXELYRS	TEELYRS: allocation flag	X	X	X	X	X	X	X	X	X
ATUS-CPS file										
GEDIV	Census Division 2014: This variable was added to January 2014 CPS. All cases on the ATUS-CPS file have values for GEDIV.	X	X	X	X	X	X	X	X	X
GEMETSTA	Metropolitan/non-metropolitan status (1990 standards) **Not comparable to GTMETSTA** **2004:** Replaced by GTMETSTA This variable was discontinued in 2004 May CPS. Therefore, cases with [HRMONTH > 4 AND HRYEAR4 = 2004] will have missing values of GEMETSTA.	-	-	-	-	-	-	-	-	-
GEPSEUCL	Scrambled pseudo primary sampling unit (PSU) cluster **2014:** This variable was removed starting in April 2014. Therefore, cases with [HRMONTH > 3 and HRYEAR4 = 2014] will have missing values.	PM	-	-	-	-	-	-	-	-
GEPSEUST	Scrambled pseudo primary sampling unit (PSU) collapsed stratum **2014:** This variable was removed starting in April 2014. Therefore, cases with [HRMONTH > 3 and HRYEAR4 = 2014] will have missing values.	PM	-	-	-	-	-	-	-	-
GESTCEN	Census State Codes **2014:** This variable was discontinued in 2014 January CPS and removed from the 2014 ATUS-CPS.	-	-	-	-	-	-	-	-	-
GTMETSTA	Metropolitan/non-metropolitan status **Not comparable to GEMETSTA** **2004:** Replaced GEMETSTA This variable is based on the 2000 MSA OMB defintions and was introduced in 2004 May CPS. Therefore, cases with [HRYEAR4 = 2003 OR (HRMONTH < 5 AND HRYEAR4 = 2004)] will have missing values of GTMETSTA. **2015**: Starting in Decemer 2014 and continuing through July 2015, a small percentage of cases on the ATUS files are based on MSA definitions from 2010 Decennial Census, but most have 2000 based codes. Starting in August 2015, all cases on the ATUS files are based on MSA definitions from the 2010 Decennial Census.	X	A	X	X	X	X	X	X	X
GTCBSA	Core based statistical area **2016:** Added variable to ATUS-CPS file	-	-	X	X	X	X	X	X	X

Variable		2014	2015	2016	2017	2018	2019	2020	2021	2022
Changes to Variables, 2014 – 2022										
GTCO	County identifier **2016**: Added variable to ATUS-CPS file	-	-	X	X	X	X	X	X	X
HEFAMINC	Family income **2010:** Replaced HUFAMINC This variable was introduced in 2010 January CPS. Therefore, cases with [HRYEAR4 = 2009] will have missing values for HEFAMINC.	X	X	X	X	X	X	X	X	X
HETENURE	Edited: are your quarters owned, rented, or occupied without payment of cash rent?	X	X	X	X	X	X	X	X	X
HRHHID2	Household identifier part 2 **2004:** Replaced HRSAMPLE, HRSERSUF, and HUHHNUM This variable was introduced in 2004 May CPS. Therefore, cases with [HRYEAR4 = 2003 OR (HRMONTH < 5 AND HRYEAR4 = 2004)] will have missing values of HRHHID2.	X	X	X	X	X	X	X	X	X
HRSAMPLE	Sample ID **2004:** Replaced by HRHHID2 This variable was discontinued in 2004 May CPS. Therefore, cases with [HRMONTH > 4 AND HRYEAR4 = 2004] will have missing values of HRSAMPLE.	-	-	-	-	-	-	-	-	-
HRSERSUF	Serial suffix (identifies extra units) **2004:** Replaced by HRHHID2 This variable was discontinued in 2004 May CPS. Therefore, cases with [HRMONTH > 4 AND HRYEAR4 = 2004] will have missing values of HRSERSUF.	-	-	-	-	-	-	-	-	-
HUFAMINC	Family income **2003 and 2004:** New values of 15 and 16 added. Values of 15 and 16 were introduced in 2003 October CPS. Therefore, these values may appear on records with [HRYEAR4 > 2003 OR (HRYEAR4 = 2003 AND HRMONTH > 9)]. **2010:** Replaced by HEFAMINC This variable was discontinued in 2010 January CPS. Therefore, cases with [HRYEAR4 = 2010] will have missing values of HUFAMINC.	-	-	-	-	-	-	-	-	-
HUFINAL	Final outcome code **2007:** New value of 006 added Value of 006 was introduced in 2007 January CPS. Therefore, this value may appear on records with [HRYEAR4 > 2006].	X	X	X	X	X	X	X	X	X
HUHHNUM	Household number **2004:** Replaced by HRHHID2 This variable was discontinued in 2004 May CPS. Therefore, cases with [HRMONTH > 4 AND HRYEAR4 = 2004] will have missing values of HUHHNUM.	-	-	-	-	-	-	-	-	-
HURHHSCRN	Someone in household was evacuated in August 2005 (possibly temporarily) due to Hurricane Katrina **2006:** This variable was introduced in 2005 November CPS. Therefore, cases with [HRYEAR4 = 2005 AND HRMONTH < 11] will have missing values of HURHHSCRN. **2007:** This variable was discontinued in 2006 November CPS. Therefore, cases with [(HRYEAR4 = 2006 AND HRMONTH > 11) OR HRYEAR4 > 2006] will have missing values of HURHHSCRN	-	-	-	-	-	-	-	-	-
HUSPNISH	Is Spanish the only language spoken by all members of this household who are 15 years and older? **2007:** This variable was discontinued in 2007 January CPS. Therefore, cases with [HRYEAR4 > 2006] will have missing values for HUSPNISH	-	-	-	-	-	-	-	-	-

Changes to Variables, 2014 – 2022										
Variable		2014	2015	2016	2017	2018	2019	2020	2021	2022
HWHHWGT	CPS Household weight	-	-	-	-	-	-	-	-	-
HXFAMINC	HEFAMINC: Allocation Flag	X	X	X	X	X	X	X	X	X
HXTENURE	HETENURE: allocation flag	X	X	X	X	X	X	X	X	X
PEAFEVER	Edited: did you ever serve on active duty in the U.S. Armed Forces? **2005:** Replaced PUAFEVER This variable was introduced in 2005 August CPS. Therefore, cases with [HRYEAR4 = 2004 OR (HRYEAR4 = 2005 AND HRMONTH < 8)] will have missing values of PEAFEVER.	X	X	X	X	X	X	X	X	X
PEAFWHEN	Edited: when did you serve in the Armed Forces? **2005:** Replaced by PEAFWHN1 – PEAFWHN4 This variable was discontinued in 2005 August CPS. Therefore, cases with [HRYEAR4 = 2005 AND HRMONTH > 7] will have missing values of PEAFWHEN.	-	-	-	-	-	-	-	-	-
PEAFWHN1	Edited: when did you serve in the Armed Forces? (first period) **2005:** Replaced PEAFWHEN This variable was introduced in 2005 August CPS. Therefore, cases with [HRYEAR4 = 2004 OR (HRYEAR4 = 2005 AND HRMONTH < 8)] will have missing values of PEAFWHN1.	X	X	X	X	X	X	X	X	X
PEAFWHN2	Edited: when did you serve in the Armed Forces? (second period) **2005:** Replaced PEAFWHEN This variable was introduced in 2005 August CPS. Therefore, cases with [HRYEAR4 = 2004 OR (HRYEAR4 = 2005 AND HRMONTH < 8)] will have missing values of PEAFWHN2.	X	X	X	X	X	X	X	X	X
PEAFWHN3	Edited: when did you serve in the Armed Forces? (third period) **2005:** Replaced PEAFWHEN This variable was introduced in 2005 August CPS. Therefore, cases with [HRYEAR4 = 2004 OR (HRYEAR4 = 2005 AND HRMONTH < 8)] will have missing values of PEAFWHN3.	X	X	X	X	X	X	X	X	X
PEAFWHN4	Edited: when did you serve in the Armed Forces? (fourth period) **2005:** Replaced PEAFWHEN This variable was introduced in 2005 August CPS. Therefore, cases with [HRYEAR4 = 2004 OR (HRYEAR4 = 2005 AND HRMONTH < 8)] will have missing values of PEAFWHN4.	X	X	X	X	X	X	X	X	X
PECERT1	Edited: Does this person have a currently active professional certification or a state or industry license? This variable was introduced in the 2015 January CPS, but was not added to the monthly data files until January 2017. **2017: T**his was added to the ATUS-CPS file. Cases with (HRYEAR4 = 2016 and HRMONTH < 12) will have missing values for PECERT1.	-	-	-	PM	X	X	X	X	X
PECERT2	Edited: Were any of this person's certifications or licenses issued by the federal, state, or local government? This variable was introduced in the 2015 January CPS, but was not added to the monthly data files until January 2017. **2017:** This was added to the ATUS-CPS file. Cases with (HRYEAR4 = 2016 and HRMONTH < 12) will have missing values for PECERT2.	-	-	-	PM	X	X	X	X	X

Changes to Variables, 2014 – 2022											
Variable		2014	2015	2016	2017	2018	2019	2020	2021	2022
PECERT3	Edited: Earlier you told me that this person had a currently active professional certification or license. Is this certification or license required for the [job, main job, job from which person was on layoff, job from which person last worked]? This variable was introduced in the 2015 January CPS, but was not added to the monthly data files until January 2017. **2017:** This was added to the ATUS-CPS file. Cases with (HRYEAR4 = 2016 and HRMONTH < 12) will have missing values for PECERT3.	-	-	-	PM	X	X	X	X	X
PECOHAB	Edited: Line number of cohabiting partner **2007:** This variable was introduced in 2007 January CPS. Therefore, cases with [HRYEAR4 < 2007] will have missing values of PECOHAB.	X	X	X	X	X	X	X	X	X
PEDADTYP	Edited: Type of father **2007:** This variable was introduced in 2007 January CPS. Therefore, cases with [HRYEAR4 < 2007] will have missing values of PEDADTYP. **2020:** In January 2020, CPS added PEPAR1TYP and PEPAR2TYP to describe the type of parent for PEPAR1 and PEPAR2. These variables replaced PEMOMTYP and PEDADTYP. Cases with HRYEAR4 > 2019 will have missing values.	X	X	X	X	X	X	PM	-	-
PEDISDRS	Edited: Does person have difficulty dressing or bathing? **2008:** This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PEDISDRS.	X	X	X	X	X	X	X	X	X
PEDISEAR	Edited: Is person deaf or does person have serious difficulty hearing? **2008:** This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PEDISEAR.	X	X	X	X	X	X	X	X	X
PEDISEYE	Edited: Is person blind or does person have serious difficulty seeing even when wearing glasses? **2008:** This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PEDISEYE.	X	X	X	X	X	X	X	X	X
PEDISOUT	Edited: Because of a physical, mental, or emotional condition, does this person have difficulty doing errands alone such as visiting a doctor's office or shopping? **2008:** This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PEDISOUT.	X	X	X	X	X	X	X	X	X
PEDISPHY	Edited: Does this person have serious difficulty walking or climbing stairs? **2008:** This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PEDISPHY.	X	X	X	X	X	X	X	X	X

Variable		2014	2015	2016	2017	2018	2019	2020	2021	2022
	Changes to Variables, 2014 – 2022									
PEDISREM	Edited: Because of a physical, mental, or emotional condition, does this person have serious difficulty concentrating, remembering, or making decisions? **2008:** This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PEDISREM.	X	X	X	X	X	X	X	X	X
PEFNTVTY	Edited: in what country was your father born? **2007:** The coding scheme for country of birth changed in 2007 January CPS. This affected some, but not all values. Therefore, some values may appear on cases with [HRYEAR4 = 2007], that do not appear on cases with [HRYEAR4 < 2007]. **2012:** The coding scheme for country of birth changed in 2012 May CPS. This affected some, but not all values. Therefore, some values may appear on cases with [HRYEAR4 = 2012 and HRMONTH > 4], that do not appear on cases with [HRYEAR4 < 2012 or HRYEAR4=2012 and HRMONTH < 5]	X	X	X	X	X	X	X	X	X
PEGR6COR	Edited: Did you complete six or more graduate or professional school courses? **2015:** This question was dropped from CPS in January 2015. Cases with [HRYEAR4>2014] will have missing values. **2016:** Variable no longer on ATUS-CPS file.	X	PM	-	-	-	-	-	-	-
PEGRPROF	Edited: Since completing your bachelor's degree, have you taken any graduate or professional school courses for credit? **2015:** This question was dropped from CPS in January 2015. Cases with [HRYEAR4>2014] will have missing values. **2016:** Variable no longer on ATUS-CPS file.	X	PM	-	-	-	-	-	-	-
PEIO1ICD	Edited: industry code (main job) **2009:** Beginning in the January 2009 CPS, industry data were classified using the 2007 Census Industry classification system. This system replaced the 2002 Census Industry classification system. Therefore, cases with [HRYEAR4 < 2009] will have industry data classified using the 2002 Census Industry classification system. Cases with [2008 < HRYEAR 4 < 2014] will have industry data classified using the 2007 Census Industry classification system. **2014:** Beginning in the January 2014 CPS, industry data were classified using the 2012 Census Industry classification system. This system replaced the 2007 Census Industry classification system. Therefore, cases with [2008 < HRYEAR4 < 2014] will have industry data classified using the 2007 Census Industry classification system. Cases with [2013 < HRYEAR 4 < 2020] will have industry data classified using the 2012 Census Industry classification system. **2020:** Beginning in the January 2020 CPS, industry data were classified using the 2017 Census Industry Classification system. This system replaced the 2012 Census Industry Classification system. Therefore, cases with [2013 < HRYEAR4 < 2020] will have industry data classified using the 2012 Census Industry classification system. Cases with [HRYEAR 4 > 2019] will have industry data classified using the 2017 Census Industry classification	VC	X	X	X	X	X	VC	X	X

Changes to Variables, 2014 – 2022										
Variable		2014	2015	2016	2017	2018	2019	2020	2021	2022
PEIO2ICD	Edited: industry code (second job) **2009:** Beginning in the January 2009 CPS, industry data were classified using the 2007 Census Industry classification system. This system replaced the 2002 Census Industry classification system. Therefore, cases with [HRYEAR4 < 2009] will have industry data classified using the 2002 Census Industry classification system. Cases with [2008 < HRYEAR 4 < 2014] will have industry data classified using the 2007 Census Industry classification system. **2014:** Beginning in the January 2014 CPS, industry data were classified using the 2012 Census Industry classification system. This system replaced the 2007 Census Industry classification system. Therefore, cases with [2008 < HRYEAR4 < 2014] will have industry data classified using the 2007 Census Industry classification system. Cases with [2013 < HRYEAR 4 < 2020] will have industry data classified using the 2012 Census Industry classification system. **2020:** Beginning in the January 2020 CPS, industry data were classified using the 2017 Census Industry Classification system. This system replaced the 2012 Census Industry Classification system. Therefore, cases with [2013 < HRYEAR4 < 2020] will have industry data classified using the 2012 Census Industry classification system. Cases with [HRYEAR 4 > 2019] will have industry data classified using the 2017 Census Industry classification	VC	X	X	X	X	X	VC	X	X

Changes to Variables, 2014 – 2022									
Variable	2014	2015	2016	2017	2018	2019	2020	2021	2022
PEIO1OCD Edited: occupation code (main job) **2011**: Beginning in the January 2011 CPS, occupation data were classified using the 2010 Census Occupation Classification system. This system replaced the 2002 Census Occupation Classification system. Therefore, cases with [HRYEAR4 < 2011] will have occupation data classified using the 2002 Census Occupation Classification system. Cases with [2010 < HRYEAR 4 < 2020] will have occupation data classified using the 2010 Census Occupation Classification system. **2020**: Beginning in January 2020 CPS, occupation data were classified using the 2018 Census Occupation Classification system. This system replaced the 2010 Census Occupation Classification system. Cases with [2010 < HRYEAR4 < 2020] have occupation data classified using the 2010 Census Occupation Classification system. All other cases with [HRYEAR4 > 2019] have occupation data classified using the 2018 Census Occupation Classification system.	X	X	X	X	X	X	VC	X	X
PEIO2OCD Edited: occupation code (second job) **2011**: Beginning in the January 2011 CPS, occupation data were classified using the 2010 Census Occupation Classification system. This system replaced the 2002 Census Occupation Classification system. Therefore, cases with [HRYEAR4 < 2011] will have occupation data classified using the 2002 Census Occupation Classification system. Cases with [2010 < HRYEAR 4 < 2020] will have occupation data classified using the 2010 Census Occupation Classification system. **2020:** Beginning in January 2020 CPS, occupation data were classified using the 2018 Census Occupation Classification system. This system replaced the 2010 Census Occupation Classification system. Cases with [2010 < HRYEAR4 < 2020] have occupation data classified using the 2010 Census Occupation Classification system. All other cases with [HRYEAR4 > 2019] have occupation data classified using the 2018 Census Occupation Classification system.	X	X	X	X	X	X	VC	X	X
PELAYDUR Edited: duration of layoff (number of weeks) **2011**: Beginning in April 2011, data were topcoded at 52 weeks. For cases with [HRYEAR4=2011 and HRMONTH > 3 or HRYEAR4 > 2011], values of 52 = 52 weeks or more.	X	X	X	X	X	X	X	X	X
PELKDUR Edited: duration of job seeking (number of weeks) **2011**: Beginning in April 2011, data were topcoded at 119 weeks. For cases with [HRYEAR4=2011 and HRMONTH > 3 or HRYEAR4 > 2011], values of 119 = 119 weeks or more.	X	X	X	X	X	X	X	X	X
PELNDAD Edited: Line number of father **2007**: This variable was introduced in 2007 January CPS. Therefore, cases with [HRYEAR4 < 2007] will have missing values of PELNDAD. **2020**: In January 2020, CPS added PEPAR1 and PEPAR2 to identify line number of parents. These variables replaced PELNMOM and PELNDAD. Cases with HRYEAR4 = 2019 will have values for PELNDAD if the father is present. Cases with HRYEAR4 > 2019 will have missing values.	X	X	X	X	X	X	PM	-	-

Changes to Variables, 2014 – 2022										
Variable		**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
PELNMOM	Edited: Line number of mother **2007:** This variable was introduced in 2007 January CPS. Therefore, cases with [HRYEAR4 < 2007] will have missing values of PELNMOM. **2020:** In January 2020, CPS added PEPAR1 and PEPAR2 to identify line number of parents. These variables replaced PELNMOM and PELNDAD. Cases with HRYEAR4 = 2019 will have values for PELNMOM if the mother is present. Cases with HRYEAR4 > 2019 will have missing values.	X	X	X	X	X	X	PM	-	-
PEMOMTYP	Edited: Type of mother **2007:** This variable was introduced in 2007 January CPS. Therefore, cases with [HRYEAR4 < 2007] will have missing values of PEMOMTYP. **2020:** In January 2020, CPS added PEPAR1TYP and PEPAR2TYP to describe the type of parent for PEPAR1 and PEPAR2. These variables replaced PEMOMTYP and PEDADTYP. Cases with HRYEAR4 = 2019 will have values for PEMOMTYP if the mother is present. Cases with HRYEAR4 > 2019 will have missing values.	X	X	X	X	X	X	PM	-	-
PEMNTVTY	Edited: in what country was your mother born? **2007:** The coding scheme for country of birth changed in 2007 January CPS. This affected some, but not all values. Therefore, some values may appear on cases with [HRYEAR4 = 2007], that do not appear on cases with [HRYEAR4 < 2007]. **2012:** The coding scheme for country of birth changed in 2012 May CPS. This affected some, but not all values. Therefore, some values may appear on cases with [HRYEAR4 = 2012 and HRMONTH > 4], that do not appear on cases with [HRYEAR4 < 2012 or HRYEAR4=2012 and HRMONTH < 5]	X	X	X	X	X	X	X	X	X
PEMS123	Edited: Was your master's degree program a one-year, two-year, or three-year program? **2015:** This question was dropped from CPS in January 2015. Cases with [HRYEAR4>2014] will have missing values. **2016:** This variable is non longer on the ATUS-CPS file.	X	PM	-	-	-	-	-	-	-
PENATVTY	Edited: in what country where you born? **2007:** The coding scheme for country of birth changed in 2007 January CPS. This affected some, but not all values. Therefore, some values may appear on cases with [HRYEAR4 = 2007], that do not appear on cases with [HRYEAR4 < 2007]. **2012:** The coding scheme for country of birth changed in 2012 May CPS. This affected some, but not all values. Therefore, some values may appear on cases with [HRYEAR4 = 2012 and HRMONTH > 4], that do not appear on cases with [HRYEAR4 < 2012 or HRYEAR4=2012 and HRMONTH < 5]	X	X	X	X	X	X	X	X	X
PEPARENT	Edited: PULINENO of parent 2020: Starting in January 2020, PEPARENT is no longer on the CPS files. Cases with HRYEAR4 > 2019 will have missing values for PEPARENT.	X	X	X	X	X	X	PM	-	-
PEPAR1	Edited: PULINENO of first parent **2020:** in January 2020, CPS added PEPAR1 and PEPAR2 to identify line number of parents. These variables replaced PELNMOM and PELNDAD. Cases with HRYEAR4 > 2019 will have values for PEPAR1 if the parent is present. Cases with HRYEAR4 = 2019 will have missing values. Always the mother, if present. PEPAR1 will be a male if the parents are same sex.	-	-	-	-	-	-	PM	X	X

Changes to Variables, 2014 – 2022										
Variable		2014	2015	2016	2017	2018	2019	2020	2021	2022
PEPAR1TYP	Edited: Type of PEPAR1 2020: Starting in January 2020, CPS added PEPAR1TYP and PEPAR2TYP to describe the type of parent for PEPAR1 and PEPAR2. These variables replaced PEMOMTYP and PEDADTYP. Cases with HRYEAR4 > 2019 will have values for PEPAR1TYP if the parent is present. Cases with HRYEAR4 = 2019 will have missing values.	-	-	-	-	-	-	PM	X	X
PEPAR2	Edited: PULINENO of second parent **2020:** in January 2020, CPS added PEPAR1 and PEPAR2 to identify line number of parents. These variables replaced PELNMOM and PELNDAD. Cases with HRYEAR4 > 2019 will have values for PEPAR1 if the parent is present. Cases with HRYEAR4 = 2019 will have missing values. Always the father, if present. PEPAR2 will be a female if the parents are same sex.	-	-	-	-	-	-	PM	X	X
PEPAR2TYP	Edited: Type of PEPAR2 **2020:** Starting in January 2020, CPS added PEPAR1TYP and PEPAR2TYP to describe the type of parent for PEPAR1 and PEPAR2. These variables replaced PEMOMTYP and PEDADTYP. Cases with HRYEAR4 > 2019 will have values for PEPAR2TYP if the parent is present. Cases with HRYEAR4 = 2019 will have missing values.	-	-	-	-	-	-	PM	X	X
PEPDEMP1	Edited: Does this person usually have any paid employees? (main job) 2014: This variable was introduced in January 2014 CPS. Therefore cases with [HRYEAR4<2014] will have missing values.	PM	X	X	X	X	X	X	X	X
PEPDEMP2	Edited: Does this person usually have any paid employees? (second job) 2014: This variable was introduced in January 2014 CPS. Therefore cases with [HRYEAR4<2014] will have missing values.	PM	X	X	X	X	X	X	X	X
PERRP	Edited: Relationship to CPS reference person **2010:** In January 2010 CPS, edits were updated to permit same-sex unmarried couples. Same-sex married couples were coded as same-sex unmarried couples **2020:** In January 2020 CPS, values were changed and edits were updated to permit same-sex married couples	X	X	X	X	X	X	VC	X	X
PESCHENR	Edited: last week, were you enrolled in a high school, college, or university? **2013:** Beginning in January 2013 CPS, the universe for PESCHENR changed from PRTAGE=16-24 to 16-54.	X	X	X	X	X	X	X	X	X
PRCHLD	Presence of own children by selected age range. **2008:** An error in the calculation of PRCHLD was discovered in 2008. The variable was removed from the 2003-2007 ATUS-CPS data files in August 2008.	-	-	-	-	-	-	-	-	-
PRDASIAN	Detailed Asian recode 2013: This variable was introduced in January 2013 CPS. Therefore, all cases with HRYEAR4=2012 will have missing values for PRDASIAN	X	X	X	X	X	X	X	X	X
PRDISFLG	Does this person have any of these disability conditions? **2008:** This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PRDISFLG.	X	X	X	X	X	X	X	X	X
PRDTHSP	Detailed Hispanic recode **2014:** Starting in January 2014 CPS, additional definitions for detailed hispanic groups were introduced.	A	X	X	X	X	X	X	X	X

Changes to Variables, 2014 – 2022											
Variable		2014	2015	2016	2017	2018	2019	2020	2021	2022
PRDTIND1	Detailed industry recode (main job) **2009:** Starting in the January 2009 CPS, industry data were classified using the 2007 Census Industry Classification system. This system replaced the 2002 Census Industry Classification system. Therefore, cases with [HRYEAR4 < 2009] will have industry data recodes generated using the 2002 Census Industry Classification system. Cases with [2008 < HRYEAR4 < 2014] will have industry data recodes generated using the 2007 Census Industry Classification system. **2014**: Starting in the January 2014 CPS, industry data were classified using the 2012 Census Industry Classification system. **2020**: Starting in the January 2020 CPS, industry data were classified using the 2017 Census Industry Classification system.	A	X	X	X	X	X	A	X	X
PRDTIND2	Detailed industry recode (second job) **2009:** Starting in the January 2009 CPS, industry data were classified using the 2007 Census Industry Classification system. This system replaced the 2002 Census Industry Classification system. Therefore, cases with [HRYEAR4 < 2009] will have industry data recodes generated using the 2002 Census Industry Classification system. Cases with [2008 < HRYEAR4 < 2014] will have industry data recodes generated using the 2007 Census Industry Classification system. **2014:** Starting in the January 2014 CPS, industry data were classified using the 2012 Census Industry Classification system. **2020:** Starting in the January 2020 CPS, industry data were classified using the 2017 Census Industry Classification system.	A	X	X	X	X	X	A	X	X
PRDTOCC1	Detailed occupation recode (main job) **2011**: Beginning in the January 2011 CPS, occupation data were classified using the 2010 Census Occupation Classification system. This system replaced the 2002 Census Occupation Classification system. Therefore, cases with [HRYEAR4 < 2011] will have occupation data classified using the 2002 Census Occupation Classification system. Cases with [2010 < HRYEAR 4 < 2020] will have occupation data classified using the 2010 Census Occupation Classification system. **2020:** Beginning in January 2020 CPS, occupation data were classified using the 2018 Census Occupation Classification system. This system replaced the 2010 Census Occupation Classification system. Cases with [2010 < HRYEAR4 < 2020] have occupation data classified using the 2010 Census Occupation Classification system. All other cases with [HRYEAR4 > 2019] have occupation data classified using the 2018 Census Occupation Classification system.	X	X	X	X	X	X	VC	X	X

Variable		2014	2015	2016	2017	2018	2019	2020	2021	2022
	Changes to Variables, 2014 – 2022									
PRDTOCC2	Detailed occupation recode (second job) **2011:** Beginning in the January 2011 CPS, occupation data were classified using the 2010 Census Occupation Classification system. This system replaced the 2002 Census Occupation Classification system. Therefore, cases with [HRYEAR4 < 2011] will have occupation data classified using the 2002 Census Occupation Classification system. Cases with [2010 < HRYEAR 4 < 2020] will have occupation data classified using the 2010 Census Occupation Classification system. **2020:** Beginning in January 2020 CPS, occupation data were classified using the 2018 Census Occupation Classification system. This system replaced the 2010 Census Occupation Classification system. Cases with [2010 < HRYEAR4 < 2020] have occupation data classified using the 2010 Census Occupation Classification system. All other cases with [HRYEAR4 > 2019] have occupation data classified using the 2018 Census Occupation Classification system	X	X	X	X	X	X	VC	X	X
PRINUYER	Immigrant's year of entry into the US **2004:** New value of 18 added in 2004 January CPS. Therefore, values of 18 may appear on cases with [HRYEAR4 > 2003]. **2006:** New value of 19 added in 2006 January CPS. Therefore, values of 19 may appear on cases with [HRYEAR4 > 2005]. **2008:** New value of 20 added in 2008 January CPS. Therefore, values of 20 may appear on cases with [HRYEAR4 >2007]. **2010:** New value of 21 added in 2010 January CPS. Therefore, values of 21 may appear on cases with [HRYEAR4 > 2009]. **2012:** New value of 22 added in 2012 January CPS. Therefore, values of 22 may appear on cases with [HRYEAR4 > 2011]. **2014:** New value of 23 added in 2014 January CPS. Therefore, values of 23 may appear on cases with [HRYEAR4 > 2013]. **2016:** New value of 24 added in 2016 January CPS. Therefore, values of 24 may appear on cases with [HRYEAR4 > 2015]. **2018**: New value of 25 added in 2018 January CPS. Therefore, values of 25 may appear on cases with [HRYEAR4 > 2017]. **2020:** New value of 26 added in 2020 January CPS. Therefore, values of 26 may appear	VA	X	VA	X	VA	X	VA	X	X
PRMJOCC1	Major occupation recode (main job) **2011:** Beginning in the January 2011 CPS, occupation data were classified using the 2010 Census Occupation Classification system. This system replaced the 2002 Census Occupation Classification system. Therefore, cases with [HRYEAR4 < 2011] will have occupation data classified using the 2002 Census Occupation Classification system. Cases with [2010 < HRYEAR 4 < 2020] will have occupation data classified using the 2010 Census Occupation Classification system. **2020:** Beginning in January 2020 CPS, occupation data were classified using the 2018 Census Occupation Classification system. This system replaced the 2010 Census Occupation Classification system. Cases with [2010 < HRYEAR4 < 2020] have occupation data classified using the 2010 Census Occupation Classification system. All other cases with [HRYEAR4 > 2019] have occupation data classified using the 2018 Census Occupation Classification system	X	X	X	X	X	X	A	X	X

Changes to Variables, 2014 – 2022										
Variable		2014	2015	2016	2017	2018	2019	2020	2021	2022
PRMJOCC2	Major occupation recode (second job) **2011:** Beginning in the January 2011 CPS, occupation data were classified using the 2010 Census Occupation Classification system. This system replaced the 2002 Census Occupation Classification system. Therefore, cases with [HRYEAR4 < 2011] will have occupation data classified using the 2002 Census Occupation Classification system. Cases with [2010 < HRYEAR 4 < 2020] will have occupation data classified using the 2010 Census Occupation Classification system. **2020:** Beginning in January 2020 CPS, occupation data were classified using the 2018 Census Occupation Classification system. This system replaced the 2010 Census Occupation Classification system. Cases with [2010 < HRYEAR4 < 2020] have occupation data classified using the 2010 Census Occupation Classification system. All other cases with [HRYEAR4 > 2019] have occupation data classified using the 2018 Census Occupation Classification system.	X	X	X	X	X	X	A	X	X
PRMJOCGR	Major occupation category (main job) **2011:** Beginning in the January 2011 CPS, occupation data were classified using the 2010 Census Occupation Classification system. This system replaced the 2002 Census Occupation Classification system. Therefore, cases with [HRYEAR4 < 2011] will have occupation data classified using the 2002 Census Occupation Classification system. Cases with [2010 < HRYEAR 4 < 2020] will have occupation data classified using the 2010 Census Occupation Classification system. **2020:** Beginning in January 2020 CPS, occupation data were classified using the 2018 Census Occupation Classification system. This system replaced the 2010 Census Occupation Classification system. Cases with [2010 < HRYEAR4 < 2020] have occupation data classified using the 2010 Census Occupation Classification system. All other cases with [HRYEAR4 > 2019] have occupation data classified using the 2018 Census Occupation Classification system.	X	X	X	X	X	X	A	X	X
PROLDRRP	Recode from new to old RRP (relationship to reference person) codes	-	-	-	-	-	-	-	-	-
PRTAGE	Age **2004:** Topcode (maximum value) increased to 85 Values of 85 were introduced in 2004 May CPS. Therefore, values of 85 may appear on cases with [HRYEAR4 > 2004 OR (HRYEAR4 = 2004 AND HRMONTH > 4)].	X	X	X	X	X	X	X	X	X
PRUNEDUR	Duration of unemployment (number of weeks) **2011:** Beginning in April 2011, data were topcoded consistent with PELAYDUR or PELKDUR.	X	X	X	X	X	X	X	X	X
PTCOVID1	Telework or work at home for pay BECAUSE OF THE CORONAVIRUS PANDEMIC **2020**: In May 2020, CPS added new questions to help understand the effects of the coronavirus (COVID-19) pandemic on the labor market. Cases with [HRYEAR4 = 2019] or [HRYEAR4 = 2020 and HRMONTH < 5] will have missing values.	-	-	-	-	-	-	PM	X	X
PTCOVID2	Unable to work because EMPLOYER CLOSED OR LOST BUSINESS due to the Coronavirus **2020:** In May 2020, CPS added new questions to help understand the effects of the coronavirus (COVID-19) pandemic on the labor market. Cases with [HRYEAR4 = 2019] or [HRYEAR4 = 2020 and HRMONTH < 5] will have missing values.	-	-	-	-	-	-	PM	X	X
PTCOVID3	Received pay from EMPLOYER for the hours not worked **2020**: In May 2020, CPS added new questions to help understand the effects of the coronavirus (COVID-19) pandemic on the labor market. Cases with [HRYEAR4 = 2019] or [HRYEAR4 = 2020 and HRMONTH < 5] will have missing values.	-	-	-	-	-	-	PM	X	X

Changes to Variables, 2014 – 2022											
Variable		2014	2015	2016	2017	2018	2019	2020	2021	2022
PTCOVID4	Coronavirus pandemic prevented person from looking for work **2020:** In May 2020, CPS added new questions to help understand the effects of the coronavirus (COVID-19) pandemic on the labor market. Cases with [HRYEAR4 = 2019] or [HRYEAR4 = 2020 and HRMONTH < 5] will have missing values.	-	-	-	-	-	-	PM	X	X
PTCOVID5W	Needed medical care for something other than Coronavirus, but not get it because of the Coronavirus pandemic **2020:** In May 2020, CPS added new questions to help understand the effects of the coronavirus (COVID-19) pandemic on the labor market. Cases with [HRYEAR4 = 2019] or [HRYEAR4 = 2020 and HRMONTH < 5] will have missing values. **2021:** Starting in In October 2020, CPS removed this question. PTCOVID5W was removed from ATUS-CPS file	-	-	-	-	-	-	PM	-	-
PTDTRACE	Race **2003:** New race and ethnicity definitions were introduced in 2003 January CPS. PTDTRACE is missing for household members of those selected to be interviewed for ATUS when [HRYEAR4 = 2002]. **2012:** Additional race and ethnicity definitions were introduced in 2012 May CPS.	X	X	X	X	X	X	X	X	X
PTNMEMP1	Excluding all owners, how many paid employees does this person usually have? (main job) **2014:** This variable was introduced in January 2014 CPS. Therefore cases with [HRYEAR4 < 2014] will have missing values for PTNMEMP1.	PM	X	X	X	X	X	X	X	X
PTNMEMP2	Excluding all owners, how many paid employees does this person usually have? (second job) **2014:** This variable was introduced in January 2014 CPS. Therefore cases with [HRYEAR4 < 2014] will have missing values for PTNMEMP2.	PM	X	X	X	X	X	X	X	X
PUAFEVER	Did you ever serve on active duty in the U.S. Armed Forces? **2005:** Replaced by PEAFEVER This variable was discontinued in 2005 August CPS. Therefore, cases with [HRYEAR4 = 2005 AND HRMONTH > 7] will have missing values of PUAFEVER.	-	-	-	-	-	-	-	-	-
PUPELIG	CPS eligibility code **2012:** This variable was discontinued in 2012 July CPS. Therefore, cases with [HRYEAR4 > 2012 or HRYEAR4 = 2012 AND HRMONTH > 6] will have missing values for PUPELIG.	-	-	-	-	-	-	-	-	-
PURKAT1	Individual was evacuated in August (possibly temporarily) due to Hurricane Katrina **2006:** This variable was introduced in 2005 November CPS. Therefore, cases with [HRYEAR4 = 2005 AND HRMONTH < 11] will have missing values of PURKAT1. **2007:** This variable was discontinued in 2006 November CPS. Therefore, cases with [(HRYEAR4 = 2006 and HRMONTH > 10) OR HRYEAR4 > 2006] will have missing values of PURKAT1.	-	-	-	-	-	-	-	-	-
PURKAT2	Prior residence of Hurricane Katrina evacuee **2006:** This variable was introduced in 2005 November CPS. Therefore, cases with [HRYEAR4 = 2005 AND HRMONTH < 11] will have missing values of PURKAT2. **2007:** This variable was discontinued in 2006 November CPS. Therefore, cases with [(HRYEAR4 = 2006 and HRMONTH > 10) OR HRYEAR4 > 2006] will have missing values of PURKAT2.	-	-	-	-	-	-	-	-	-
PWCMPWGT	CPS composite weight	-	-	-	-	-	-	-	-	-
PWFMWGT	CPS family weight	-	-	-	-	-	-	-	-	-
PWLGWGT	CPS longitudinal weight	-	-	-	-	-	-	-	-	-
PWORWGT	CPS outgoing rotation weight	-	-	-	-	-	-	-	-	-

Changes to Variables, 2014 – 2022										
Variable		**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
PWSSWGT	CPS second stage weight	-	-	-	-	-	-	-	-	-
PWVETWGT	CPS veteran weight	-	-	-	-	-	-	-	-	-
PXAFEVER	PEAFEVER: allocation flag **2005:** This variable was introduced in 2005 August CPS. Therefore, cases with [HRYEAR4 = 2004 OR (HRYEAR4 = 2005 AND HRMONTH < 8)] will have missing values of PXAFEVER.	X	X	X	X	X	X	X	X	X
PXAFWHEN	PEAFWHEN: allocation flag **2005:** This variable was discontinued in 2005 August CPS. Therefore, cases with [HRYEAR4 = 2005 AND HRMONTH > 7] will have missing values of PXAFWHEN.	-	-	-	-	-	-	-	-	-
PXAFWHN1	PEAFWHN1: allocation flag **2005:** This variable was introduced in 2005 August CPS. Therefore, cases with [HRYEAR4 = 2004 OR (HRYEAR4 = 2005 AND HRMONTH < 8)] will have missing values of PXAFWHN1.	X	X	X	X	X	X	X	X	X
PXGR6COR	PEGR6COR: allocation flag **2015:** starting January 2015 CPS, PEGR6COR question no longer asked	X	PM	-	-	-	-	-	-	-
PXGRPROF	PEGRPROF: allocation flag **2015:** starting January 2015 CPS, PEGRPROF question no longer asked	X	PM	-	-	-	-	-	-	-
PXMS123	PEMS123: allocation flag **2015:** starting January 2015 CPS, PEMS123 question no longer asked	X	PM	-	-	-	-	-	-	-
PXRACE1	PTDTRACE: allocation flag **2003:** This variable was introduced in 2003 January CPS. Therefore, cases with [HRYEAR4 = 2002] will have missing values of PXRACE1.	X	X	X	X	X	X	X	X	X
PXCERT1	PECERT1: allocation flag **2017:** This was added to the ATUS-CPS file. Cases with (HRYEAR4 = 2016 and HRMONTH < 12) will have missing values for PECERT1.	-	-	-	PM	X	X	X	X	X
PXCERT2	PECERT2: allocation flag **2017:** This was added to the ATUS-CPS file. Cases with (HRYEAR4 = 2016 and HRMONTH < 12) will have missing values for PECERT1.	-	-	-	PM	X	X	X	X	X
PXCERT3	PECERT2: allocation flag **2017:** This was added to the ATUS-CPS file. Cases with (HRYEAR4 = 2016 and HRMONTH < 12) will have missing values for PECERT1.	-	-	-	PM	X	X	X	X	X
PXCOHAB	PECOHAB: allocation flag **2007:** This variable was introduced in 2007 January CPS. Therefore, cases with [HRYEAR4 < 2007] will have missing values of PXCOHAB.	X	X	X	X	X	X	X	X	X
PXDADTYP	PEDADTYP: allocation flag **2007:** This variable was introduced in 2007 January CPS. Therefore, cases with [HRYEAR4 < 2007] will have missing values of PXDADTYP. **2020:** This variable was removed from 2020 January CPS. Cases with [HRYEAR4 > 2019] will have missing values for PXDADTYP.	X	X	X	X	X	X	PM	-	-
PXLNDAD	PELNDAD: allocation flag **2007**: This variable was introduced in 2007 January CPS. Therefore, cases with [HRYEAR4 < 2007] will have missing values of PXLNDAD. **2020:** This variable was removed from 2020 January CPS. Cases with [HRYEAR4 > 2019] will have missing values for PXLNDAD.	X	X	X	X	X	X	PM	-	-

Changes to Variables, 2014 – 2022											
Variable		2014	2015	2016	2017	2018	2019	2020	2021	2022
PXLNMOM	PELNMOM: allocation flag **2007:** This variable was introduced in 2007 January CPS. Therefore, cases with [HRYEAR4 < 2007] will have missing values of PXLNMOM. **2020:** This variable was removed from 2020 January CPS. Cases with [HRYEAR4 > 2019] will have missing values for PXLNMOM.	X	X	X	X	X	X	PM	-	-
PXMOMTYP	PEMOMTYP: allocation flag **2007**: This variable was introduced in 2007 January CPS. Therefore, cases with [HRYEAR4 < 2007] will have missing values of PXMOMTYP. **2020:** This variable was removed from 2020 January CPS. Cases with [HRYEAR4 > 2019] will have missing values for PXMOMTYP.	X	X	X	X	X	X	PM	-	-
PXNMEMP1	PTNMEMP1: allocation flag **2014:** This variable was introduced in January 2014 CPS. Therefore cases with [HRYEAR4<2014] will have missing values for PXNMEMP1.	PM	X	X	X	X	X	X	X	X
PXNMEMP2	PTNMEMP2: allocation flag **2014**: This variable was introduced in January 2014 CPS. Therefore cases with[HRYEAR4<2014] will have missing values for PXNMEMP2.	PM	X	X	X	X	X	X	X	X
PXPAR1	PEPAR1: allocation flag **2020:** This variable was introduced in 2020 January CPS. Therefore cases with [HRYEAR4<2020] will have missing values.	-	-	-	-	-	-	PM	X	X
PXPAR1TYP	PEPAR1TYP: allocation flag **2020:** This variable was introduced in 2020 January CPS. Therefore cases with [HRYEAR4<2020] will have missing values.	-	-	-	-	-	-	PM	X	X
PXPAR2	PEPAR2: allocation flag **2020**: This variable was introduced in 2020 January CPS. Therefore cases with [HRYEAR4<2020] will have missing values.	-	-	-	-	-	-	PM	X	X
PXPAR2TYP	PEPAR2TYP: allocation flag **2020:** This variable was introduced in 2020 January CPS. Therefore cases with [HRYEAR4<2020] will have missing values.	-	-	-	-	-	-	PM	X	X
PXPARENT	PEPARENT: allocation flag **2020:** This variable was removed from 2020 January CPS. Cases with [HRYEAR4 > 2019] will have missing values for PXPARENT.	X	X	X	X	X	X	PM	-	-
PXPDEMP1	PEPDEMP1: allocation flag **2014:** This variable was introduced in January 2014 CPS. Therefore cases with [HRYEAR4<2014] will have missing values for PEPDEMP1.	PM	X	X	X	X	X	X	X	X
PXPDEMP2	PEPDEMP2: allocation flag **2014:** This variable was introduced in January 2014 CPS. Therefore cases with [HRYEAR4<2014] will have missing values for PEPDEMP2.	PM	X	X	X	X	X	X	X	X
PXDISDRS	PEDISDRS: allocation flag **2008:** This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PXDISDRS.	X	X	X	X	X	X	X	X	X
PXDISEAR	PEDISEAR: allocation flag **2008:** This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PXDISEAR.	X	X	X	X	X	X	X	X	X
PXDISEYE	PEDISEYE: allocation flag **2008:** This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PXDISEYE.	X	X	X	X	X	X	X	X	X

Changes to Variables, 2014 – 2022											
Variable		**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
PXDISOUT	PEDISOUT: allocation flag **2008:** This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PXDISOUT.	X	X	X	X	X	X	X	X	X
PXDISREM	PEDISREM: allocation flag **2008:** This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PXDISREM.	X	X	X	X	X	X	X	X	X
PXDISPHY	PEDISPHY: allocation flag **2008:** This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PXDISPHY.	X	X	X	X	X	X	X	X	X
TRATUSR	ATUS respondent	X	X	X	X	X	X	X	X	X
TXNEWRACE	PTDTRACE: ATUS imputation flag **2003:** New race and ethnicity definitions were introduced in 2003 January CPS. TXNEWRACE indicates imputation of PTDTRACE only for those selected to be interviewed for ATUS when [HRYEAR4 = 2002].	-	-	-	-	-	-	-	-	-
Case History file										
TR1INTST	Interview status 1 **2005:** Replaced TUINTSTAT1	X	X	X	X	X	X	X	X	X
TR2INTST	Interview status 2 **2005:** Replaced TUINTSTAT2	X	X	X	X	X	X	X	X	X
TRFNLOUT	Final outcome code **2005:** Replaced TUFINALCODE	X	X	X	X	X	X	X	X	X
TRINCEN2	Incentive expanssion case **2012:** This variable was introduced in January ATUS.	X	X	X	X	X	X	X	X	X
TUAVGDUR	Average duration of reported activities **2003 and 2004:** Defined only for complete interviews (TUFINALCODE = 001 or 002) **2005:** Defined for complete interviews and for cases removed for data quality concerns (TRFNLOUT = 001.001, 002.001, 230.001, 231.001, 232.001, and 233.001)	X	X	X	X	X	X	X	X	X
TUFINALCODE	Final outcome code **2005:** Replaced by TRFNLOUT	-	-	-	-	-	-	-	-	-
TUINCENT	Incentive/non-incentive case **2019:** In December 2019, ATUS began a cash incentive study. All cases that were sampled from December 2019 to September 2021 will have TUINCENT = -1.	X	X	X	X	X	PM	PM	PM	X
TUINTID	Unique anonymous interviewer ID	X	X	X	X	X	X	X	X	X
TUINTRODATE	Day of month in which the case was introduced (panel day)	X	X	X	X	X	X	X	X	X
TUINTROPANMONTH	Month in which the case was introduced (panel month)	X	X	X	X	X	X	X	X	X
TUINTROPANYEAR	Year in which the case was introduced (panel year)	X	X	X	X	X	X	X	X	X
TUINTSTAT1	Interview status1 **2003:** TUFINALCODE = 19 is classified as TUINTSTAT1 = 2 (eligible non-interview) **2004:** TUFINALCODE = 19 is classified as TUINTSTAT1 = 3 (not eligible) **2005:** Replaced by TR1INTST	-	-	-	-	-	-	-	-	-
TUINTSTAT2	Interview status 2 **2003:** TUFINALCODE = 19 is classified as TUINTSTAT2 = 5 (other) **2004:** TUFINALCODE = 19 is classified as TUINTSTAT2 = 6 (not eligible) **2005:** Replaced by TR2INTST	-	-	-	-	-	-	-	-	-

Changes to Variables, 2014 – 2022											
Variable		**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
TULNGSKL	Household identified as needing interviewer with foreign language	X	X	X	X	X	X	X	X	X
TUTOTACTNO	Total number of activities reported **2003 and 2004:** Defined only for complete interviews (TUFINALCODE = 001 or 002) **2005:** Defined for complete interviews and for cases removed for data quality concerns (TRFNLOUT = 001.001, 002.001, 230.001, 231.001, 232.001, and 233.001)	X	X	X	X	X	X	X	X	X
Call History File (starting in 2004)										
TRFNLCLL	Final call outcome **2005:** Replaced TUOUTCOMECODE	X	X	X	X	X	X	X	X	X
TUATTMWEEK	Which week (out of 8) call was made	X	X	X	X	X	X	X	X	X
TUOUTCOMECODE	Call outcome code **2005:** Replaced by TRFNLCLL	-	-	-	-	-	-	-	-	-

Variable		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Respondent file												
TEIO1ICD	Edited: industry code (main job) **2010:** Beginning in January 2010 ATUS, industry data were classified using the 2007 Census Industry Classification system. This system replaced the 2002 Census Industry Classification system. Cases with [TUYEAR < 2010] have industry data classified using the 2002 Census Industry Classification System. All other cases with [2009 < TUYEAR < 2014] have industry data classified using the 2007 Census Industry Classification system. **2014:** Beginning in January 2014 ATUS, industry data were classified using the 2012 Census Industry Classification system. This system replaced the 2007 Census Industry Classification system. Cases with [TUYEAR=2013] have industry data classified using the 2007 Census Industry Classification System. All other cases with [TUYEAR > 2013] have industry data classified using the 2012 Census Industry Classification system.	X	X	X	X	X	X	X	VC	X	X	X
TEIO1OCD	Edited: occupation code (main job) **2011:** Beginning in January 2011 ATUS, occupation data were classified using the 2010 Census Occupation Classification system. This system replaced the 2002 Census Occupation Classification system. Cases with [TUYEAR < 2011] have occupation data classified using the 2002 Census Occupation Classification system. All other cases with [TUYEAR > 2010] have occupation data classified using the 2010 Census Occupation Classification system.	X	X	X	X	X	X	X	X	VC	X	X
TRDTIND1	Detailed industry recode (main job) **2010:** Beginning in January 2010 ATUS, industry data were classified using the 2007 Census Industry Classification system. This system replaced the 2002 Census Industry Classification system. Cases with [TUYEAR < 2010] have industry data classified using the 2002 Census Industry Classification System. All other cases with [2009 <TUYEAR < 2014] have industry data classified using the 2007 Census Industry Classification system. **2014**: Starting in January ATUS, industry data were classified using the 2012 Census Industry Classification system.	X	X	X	X	X	X	X	VC	X	X	X
TRDTOCC1	Detailed occupation recode (main job) **2011:** Beginning in January 2011 ATUS, occupation data were classified using the 2010 Census Occupation Classification system. This system replaced the 2002 Census Occupation Classification system. Cases with [TUYEAR < 2011] have occupation data classified using the 2002 Census Occupation Classification System. All other cases with [TUYEAR > 2010] have occupation data classified using the 2010 Census Occupation Classification system.	X	X	X	X	X	X	X	X	VC	X	X
TREMODR	Respondent to ATUS Eating and Health module	-	-	-	X	X	X	-	-	-	-	-
TRLVMODR	Respondent to ATUS Leave module	-	-	-	-	-	-	-	-	X	-	-
TRMJOCC1	Major occupation recode (main job) **2011:** Beginning in January 2011 ATUS, occupation data were classified using the 2010 Census Occupation Classification system. This system replaced the 2002 Census Occupation Classification system. Cases with [TUYEAR < 2011] have occupation data classified using the 2002 Census Occupation Classification System. All other cases with [TUYEAR > 2010] have occupation data classified using the 2010 Census Occupation Classification system.	X	X	X	X	X	X	X	X	VC	X	X

Changes to Variables, 2003 – 2013												
Variable		**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**
TRMJOCGR	Major occupation category (main job) **2011:** Beginning in January 2011 ATUS, occupation data were classified using the 2010 Census Occupation Classification system. This system replaced the 2002 Census Occupation Classification system. Cases with [TUYEAR < 2011] have occupation data classified using the 2002 Census Occupation Classification System. All other cases with [TUYEAR > 2010] have occupation data classified using the 2010 Census Occupation Classification system.	X	X	X	X	X	X	X	X	VC	X	X
TRNUMHOU	Number of people living in respondent's household	-	-	X	X	X	X	X	X	X	X	X
TRTALONE_WK	Total time spent during diary day alone, including work activities	-	-	-	-	-	-	-	X	X	X	X
TRTCC	Total time spent during diary day providing secondary childcare for household and own non-household children under 13 **2003 and 2004:** TRTCC = sum of all TRTCC_LN for all of the respondent's activities. **TRTCC is slightly different due to changes in TRTCC_LN.**	X	A	X	X	X	X	X	X	X	X	X
TRTCCC_WK	Total time spent during diary day with customers, clients, co-workers, including work activities	-	-	-	-	-	-	-	X	X	X	X
TRTCCTOT	Total time spent during diary day providing secondary childcare for all children under 13 **2003 and 2004:** TRTCCTOT = sum of max (TRTCC_LN, TRTCOC_LN) for all of the respondent's activities. **TRTCCTOT is slightly different due to changes in TRTCC_LN and TRTCOC_LN.**	X	A	X	X	X	X	X	X	X	X	X
TRTCOC	Total time spent during diary day providing secondary childcare for non-own non-household children under 13 **2003 and 2004:** TRTCOC = sum of all TRTCOC_LN for all of the respondent's activities. **TRTCOC is slightly different due to changes in TRTCOC_LN.**	X	A	X	X	X	X	X	X	X	X	X
TRTEC	Total time spent during diary day providing eldercare	-	-	-	-	-	-	-	-	X	X	X
TRTFAMILY	Total amount of time spent with family members **2003:** Excludes own non-household children **2004:** Includes own non-household children	X	A	X	X	X	X	X	X	X	X	X
TRTHH	Total time spent during diary day providing secondary childcare for household children under 13	-	X	X	X	X	X	X	X	X	X	X
TRTNOHH	Total time spent during diary day providing secondary childcare for non-own household children under 13	-	X	X	X	X	X	X	X	X	X	X
TRTO	Total time spent during diary day providing secondary childcare for own children under 13	-	X	X	X	X	X	X	X	X	X	X
TRTOHH	Total time spent during diary day providing secondary childcare for own household children under 13	-	X	X	X	X	X	X	X	X	X	X
TRTONHH	Total time spent during diary day providing secondary childcare for own non-household children under 13	-	X	X	X	X	X	X	X	X	X	X
TRWBMODR	Respondent to ATUS Well-Being module	-	-	-	-	-	-	-	X	-	X	X
TUBNCHWGT	ATUS Benchmark weight	X	-	-	-	-	-	-	-	-	-	-
TUCC5_CK	Reason respondent did not report secondary childcare activities for own household children	-	-	X	X	X	X	X	X	X	X	X
TUCC5B_CK	Reason respondent did not report secondary childcare activities for non-own household children	-	-	X	X	X	X	X	X	X	X	X
TUECYTD	Did you provide any eldercare or assistance yesterday?	-	-	-	-	-	-	-	-	X	X	X
TUELDER	Not including financial assistance or help you provided as part of your job, since the first of [reference month], have you provided any care or assistance for an adult who needed help because of a condition related to aging? The reference month is 3 months prior to the interview.	-	-	-	-	-	-	-	-	X	X	X

Variable		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Changes to Variables, 2003 – 2013												
TUELFREQ	How often did you provide this care?	-	-	-	-	-	-	-	-	X	X	X
TUELNUM	Since the first of [reference month], how many people have you provided this care to?	-	-	-	-	-	-	-	-	X	X	X
TUIO1MFG	Is this business or organization mainly manufacturing, retail trade, wholesale trade, or something else? **2003 and 2004:** Defined only for respondents whose industry information was updated in the ATUS interview **2005:** Defined for respondents whose industry information was updated in the ATUS interview; populated with CPS values of PUIO1MFG for respondents whose industry information was not updated in the ATUS interview	X	X	A	X	X	X	X	X	X	X	X
TXTCCTOT	TRTCCTOT_LN and TRTCCTOT: allocation flag	-	X	X	X	X	X	X	X	X	X	X
TXTHH	TRTHH_LN and TRTHH: allocation flag	-	X	X	X	X	X	X	X	X	X	X
TXTNOHH	TRTNOHH_LN and TRTNOHH: allocation flag	-	X	X	X	X	X	X	X	X	X	X
TXTO	TRTO_LN and TRTO: allocation flag	-	X	X	X	X	X	X	X	X	X	X
TXTOHH	TRTOHH_LN and TRTOHH: allocation flag	-	X	X	X	X	X	X	X	X	X	X
TXTONHH	TRTONHH_LN and TRTONHH: allocation flag	-	X	X	X	X	X	X	X	X	X	X
Roster file												
TEAGE	Age **2003 and 2004:** Topcode (maximum value) of 80 **2005:** Topcode (maximum value) of 85	X	X	A	X	X	X	X	X	X	X	X
TERRP	**2010:** Edits updated to permit same-sex unmarried couples. Same-sex married couples are coded as same-sex unmarried couples **2020:** Edits update to permit same-sex married couples	X	X	X	X	X	X	X	A	X	X	X
TURRP	Relationship to respondent (unedited version of TERRP)	X	X	-	-	-	-	-	-	-	-	-
Activity File												
TEWHERE	Where were you during the activity? **2004:** Three additional values for TEWHERE were added in October 2004	X	VA	X	X	X	X	X	X	X	X	X
TR_03CC57	Was at least one of your household or own non-household children under 13 in your care during this activity? **2004:** Replaced by TUCC5, TUCC5B, and TUCC7	X	-	-	-	-	-	-	-	-	-	-
TRCODE	Six-digit activity code	-	-	-	-	X	X	X	X	X	X	X
TRWBELIG	Flag identifying activities that were eligible for selection in the Well-Being module	-	-	-	-	-	-	-	X	-	X	X
TRTCC_LN	Total time spent during activity providing secondary childcare for household and own non-household children under 13 **2003:** If an activity has TR_03CC57 =1 and the activity code ≠ 0101xx, 0301xx, 0302xx, 0303xx, or 170301, then TRTCC_LN = TUACTDUR24. If the information is incomplete, TRTCC_LN is imputed; imputations are based on the amount of time the respondent spent with household or own non-household children. **2004 and 2005:** TRTCC_LN = max (TRTOHH_LN, TRTNOHH_LN, TRTONHH_LN) **TRTCC_LN is slightly different due to small conceptual differences between the 2003 and 2004 methods.**	X	A	X	X	X	X	X	X	X	X	X
TRTCCTOT_LN	Total time spent during activity providing secondary childcare for all children under 13	-	X	X	X	X	X	X	X	X	X	X

Variable		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Changes to Variables, 2003 – 2013												
TRTCOC_LN	Total time spent during activity providing secondary childcare for non-own non-household children under 13 **2003**: If an activity has TUCC8=1 and the activity code ≠ 0101xx, 0401xx, 0402xx, 0403xx, or 170401, then TRTCOC_LN = TUACTDUR24. If the information is incomplete (TUCC8 is 0 for all activities or is -2 or -3 for any activity), TRTCOC_LN is imputed; imputations are based on the amount of time the respondent spent with non-own non-household children. **2004:** If an activity has TUCC8=1 and the activity code ≠ 0101xx, 0301xx, 0302xx, 0303xx, 0401xx, 0402xx, 0403xx, 170301, or 170401, then TRTCOC_LN = TUACTDUR24. If the information is incomplete (TUCC8 is 0 for all activities or is -2 or -3 for any activity), TRTCOC_LN is imputed based on the amount of time the respondent spent with non-own non-household children. **TRTCOC_LN is slightly different in 2003 and 2004 due to small conceptual differences.** **2005:** If an activity has TUCC8=1 and the activity code ≠ 0101xx, 0301xx, 0302xx, 0303xx, 0401xx, 0402xx, 0403xx, 180301, 180302, 180303, 180401, 180402, or 180403, then TRTCOC_LN = TUACTDUR24. If the information is incomplete (TUCC8 is 0 for all activities or is -2 or -3 for any activity), TRTCOC_LN is imputed based on the amount of time the respondent spent with non-own non-household children. **The 2005 changes reflect changes to the Coding Lexicon and not to conceptual changes in the definition of secondary childcare.**	X	A	A	X	X	X	X	X	X	X	X
TRTEC_LN	Time (in minutes) spent providing eldercare by activity	-	-	-	-	-	-	-	-	X	X	X
TRTIER2	First and second activity tiers	-	-	-	-	X	X	X	X	X	X	X
TRTHH_LN	Total time spent during activity providing secondary childcare for household children under 13	-	X	X	X	X	X	X	X	X	X	X
TRTNOHH_LN	Total time spent during activity providing secondary childcare for non-own household children under 13	-	X	A	X	X	X	X	X	X	X	X
TRTO_LN	Total time spent during activity providing secondary childcare for own children under 13	-	X	X	X	X	X	X	X	X	X	X

Changes to Variables, 2003 – 2013													
Variable		**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**
TRTOHH_LN	Total time spent during activity providing secondary childcare for own household **2004**: If an activity has TUCC5=1 and the activity code ≠ 0101xx, 0301xx, 0302xx, 0303xx, or 170301, then TRTOHH_LN = TUACTDUR24. If the information is incomplete (TUCC5 is 0 for all activities or is -2 or -3 for any activity), TRTOHH_LN is imputed; imputations are based on the amount of time the respondent spent with own household children under 13. **2005**: If an activity has TUCC5=1 and the activity code ≠ 0101xx, 0301xx, 0302xx, 0303xx, 180301, 180302, or 180303, then TRTOHH_LN = TUACTDUR24. If the information is incomplete (TUCC5 is 0 for all activities or is -2 or -3 for any activity), TRTOHH_LN is imputed; imputations are based on the amount of time the respondent spent with own household children under 13. **The 2005 changes reflect changes to the Coding Lexicon and not to conceptual changes in the definition of secondary childcare.**	-	X	A	X	X	X	X	X	X	X	X
TRTONHH_LN	Total time spent during activity providing secondary childcare for own non-household children under 13 **2004**: If an activity has TUCC7=1 and the activity code ≠ 0101xx, 0301xx, 0302xx, 0303xx, 0401xx, 0402xx, 0403xx, 170301, or 170401, then TRTCOC_LN = TUACTDUR24. If the information is incomplete (TUCC7 is 0 for all activities or is -2 or -3 for any activity), TRTONHH_LN is imputed; imputations are based on the amount of time the respondent spent with non-own non-household children. **2005**: If an activity has TUCC7=1 and the activity code ≠ 0101xx, 0301xx, 0302xx, 0303xx, 0401xx, 0402xx, 0403xx, 180301, 180302, 180303, 180401, 180402, or 180403, then TRTONHH_LN = TUACTDUR24. If the information is incomplete (TUCC7 is 0 for all activities or is -2 or -3 for any activity), TRTONHH_LN is imputed; imputations are based on the amount of time the respondent spent with own non-household children under 13. **The 2005 changes reflect changes to the Coding Lexicon and not to conceptual changes in the definition of secondary childcare.**	-	X	A	X	X	X	X	X	X	X	X
TUCC5	Was at least one of your own household children under 13 in your care during this activity? **2004:** Replaced TR_03CC57	-	X	X	X	X	X	X	X	X	X	X
TUCC5B	Was at least one of your non-own household children under 13 in your care during this activity? **2004:** Replaced TR_03CC57	-	X	X	X	X	X	X	X	X	X	X
TUCC7	Was at least one of your own non-household children under 13 in your care during this activity? **2004:** Replaced TR_03CC57	-	X	X	X	X	X	X	X	X	X	X
TUDURSTOP	Method for reporting activity duration **2012:** This variable was added to the public use files **2014:** Variable was not included on public use files	-	-	-	-	-	-	-	-	-	X	X
TUEC24	At which times or during which activities did you provide that eldercare or assistance yesterday?	-	-	-	-	-	-	-	-	X	X	X
TUTIER1CODE	Lexicon Tier 1: 1st and 2nd digits of 6-digit activity code **2005:** Value for "Traveling" changed from "17" to "18"	X	X	A	X	X	X	X	X	X	X	X
TUTIER2CODE	Lexicon Tier 2: 3rd and 4th digits of 6-digit activity code **2005:** Value for "Security procedures related to traveling" changed from "17" to "18"	X	X	A	X	X	X	X	X	X	X	X
TUTIER3CODE	Lexicon Tier 3: 4th and 5th digits of 6-digit activity code **2004 and 2005:** Some values were changed	X	A	A	X	X	X	X	X	X	X	X

Variable		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Changes to Variables, 2003 – 2013												
Who file												
TUWHO_CODE	Who was with you? / Who accompanied you? **2006:** Cases enrolled in High School (TESCHENR = 1) no longer collect TUWHO_CODE data for activity code, 060101. **2010:** One value was removed and four values were added for TUWHO_CODE in January 2010.	X	X	X	A	X	X	X	VC	X	X	X
Eldercare Roster file (new in 2011)												
TEAGE_EC	Edited: age of eldercare recipient	-	-	-	-	-	-	-	-	X	X	X
TEELDUR	Edited: how long have you provided this care (to this person)?	-	-	-	-	-	-	-	-	X	X	X
TEELWHO	Edited: who did you give this care to? **2013:** Two values were removed and four values were added to TEELWHO in January 2013.	-	-	-	-	-	-	-	-	X	X	VC
TEELYRS	Edited: how many years have you provided care (to this person)?	-	-	-	-	-	-	-	-	X	X	X
TRELHH	Eldercare recipient is a household member	-	-	-	-	-	-	-	-	X	X	X
TXAGE_EC	TEAGE_EC: allocation flag	-	-	-	-	-	-	-	-	X	X	X
TXELDUR	TEELDUR: allocation flag	-	-	-	-	-	-	-	-	X	X	X
TXELWHO	TEELWHO: allocation flag	-	-	-	-	-	-	-	-	X	X	X
TXELYRS	TEELYRS: allocation flag	-	-	-	-	-	-	-	-	X	X	X
ATUS-CPS file												
GEDIV	Census Division **2014**: This variable was added to January 2014 CPS. All cases on the ATUS-CPS file have values for GEDIV.	-	-	-	-	-	-	-	-	-	-	-
GEMETSTA	Metropolitan/non-metropolitan status (1990 standards) **Not comparable to GTMETSTA** **2004:** Replaced by GTMETSTA This variable was discontinued in 2004 May CPS. Therefore, cases with [HRMONTH > 4 AND HRYEAR4 = 2004] will have missing values of GEMETSTA.	X	PM	-	-	-	-	-	-	-	-	-
GEPSEUCL	Scrambled pseudo primary sampling unit (PSU) cluster **2014:** This variable was removed starting in April 2014. Therefore, cases with [HRMONTH > 3 and HRYEAR4 = 2014] will have missing values.	X	X	X	X	X	X	X	X	X	X	X
GEPSEUST	Scrambled pseudo primary sampling unit (PSU) collapsed stratum **2014:** This variable was removed starting in April 2014. Therefore, cases with [HRMONTH > 3 and HRYEAR4 = 2014] will have missing values.	X	X	X	X	X	X	X	X	X	X	X
GESTCEN	Census State Codes **2014:** This variable was discontinued in 2014 January CPS and removed from the 2014 ATUS-CPS.	X	X	X	X	X	X	X	X	X	X	X

Variable		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
	Changes to Variables, 2003 – 2013											
GTMETSTA	Metropolitan/non-metropolitan status **Not comparable to GEMETSTA** **2004:** Replaced GEMETSTA This variable is based on the 2000 MSA OMB defintions and was introduced in 2004 May CPS. Therefore, cases with [HRYEAR4 = 2003 OR (HRMONTH < 5 AND HRYEAR4 = 2004)] will have missing values of GTMETSTA. **2015**: Starting in Decemer 2014 and continuing through July 2015, a small percentage of cases on the ATUS files are based on MSA definitions from 2010 Decennial Census, but most have 2000 based codes. Starting in August 2015, all cases on the ATUS files are based on MSA definitions from the 2010 Decennial Census	-	PM	X	X	X	X	X	X	X	X	X
GTCBSA	Core based statistical area **2016:** Added variable to ATUS-CPS file	-	-	-	-	-	-	-	-	-	-	-
GTCO	County identifier **2016**: Added variable to ATUS-CPS file	-	-	-	-	-	-	-	-	-	-	-
HEFAMINC	Family income **2010:** Replaced HUFAMINC This variable was introduced in 2010 January CPS. Therefore, cases with [HRYEAR4 = 2009] will have missing values for HEFAMINC.	-	-	-	-	-	-	-	PM	X	X	X
HETENURE	Edited: are your quarters owned, rented, or occupied without payment of cash rent?	-	-	X	X	X	X	X	X	X	X	X
HRHHID2	Household identifier part 2 **2004:** Replaced HRSAMPLE, HRSERSUF, and HUHHNUM This variable was introduced in 2004 May CPS. Therefore, cases with [HRYEAR4 = 2003 OR (HRMONTH < 5 AND HRYEAR4 = 2004)] will have missing values of HRHHID2.	-	PM	X	X	X	X	X	X	X	X	X
HRSAMPLE	Sample ID **2004:** Replaced by HRHHID2 This variable was discontinued in 2004 May CPS. Therefore, cases with [HRMONTH > 4 AND HRYEAR4 = 2004] will have missing values of HRSAMPLE.	X	PM	-	-	-	-	-	-	-	-	-
HRSERSUF	Serial suffix (identifies extra units) **2004:** Replaced by HRHHID2 This variable was discontinued in 2004 May CPS. Therefore, cases with [HRMONTH > 4 AND HRYEAR4 = 2004] will have missing values of HRSERSUF.	X	PM	-	-	-	-	-	-	-	-	-
HUFAMINC	Family income **2003 and 2004:** New values of 15 and 16 added. Values of 15 and 16 were introduced in 2003 October CPS. Therefore, these values may appear on records with [HRYEAR4 > 2003 OR (HRYEAR4 = 2003 AND HRMONTH > 9)]. **2010:** Replaced by HEFAMINC This variable was discontinued in 2010 January CPS. Therefore, cases with [HRYEAR4 = 2010] will have missing values of HUFAMINC.	VA	VA	X	X	X	X	X	PM	-	-	-
HUFINAL	Final outcome code **2007:** New value of 006 added Value of 006 was introduced in 2007 January CPS. Therefore, this value may appear on records with [HRYEAR4 > 2006].	X	X	X	X	VA	X	X	X	X	X	X

Variable	Changes to Variables, 2003 – 2013	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
HUHHNUM	Household number **2004:** Replaced by HRHHID2 This variable was discontinued in 2004 May CPS. Therefore, cases with [HRMONTH > 4 AND HRYEAR4 = 2004] will have missing values of HUHHNUM.	X	PM	-	-	-	-	-	-	-	-	-
HURHHSCRN	Someone in household was evacuated in August 2005 (possibly temporarily) due to Hurricane Katrina **2006:** This variable was introduced in 2005 November CPS. Therefore, cases with [HRYEAR4 = 2005 AND HRMONTH < 11] will have missing values of HURHHSCRN. **2007:** This variable was discontinued in 2006 November CPS. Therefore, cases with [(HRYEAR4 = 2006 AND HRMONTH > 11) OR HRYEAR4 > 2006] will have missing values of HURHHSCRN.	-	-	-	PM	PM	-	-	-	-	-	-
HUSPNISH	Is Spanish the only language spoken by all members of this household who are 15 years and older? **2007:** This variable was discontinued in 2007 January CPS. Therefore, cases with [HRYEAR4 > 2006] will have missing values for HUSPNISH	X	X	X	X	PM	-	-	-	-	-	-
HWHHWGT	CPS Household weight	X	X	X	-	-	-	-	-	-	-	-
HXFAMINC	HEFAMINC: Allocation Flag	-	-	-	-	-	-	-	PM	X	X	X
HXTENURE	HETENURE: allocation flag	-	-	X	X	X	X	X	X	X	X	X
PEAFEVER	Edited: did you ever serve on active duty in the U.S. Armed Forces? **2005:** Replaced PUAFEVER This variable was introduced in 2005 August CPS. Therefore, cases with [HRYEAR4 = 2004 OR (HRYEAR4 = 2005 AND HRMONTH < 8)] will have missing values of PEAFEVER.	-	-	PM	X	X	X	X	X	X	X	X
PEAFWHEN	Edited: when did you serve in the Armed Forces? **2005:** Replaced by PEAFWHN1 – PEAFWHN4 This variable was discontinued in 2005 August CPS. Therefore, cases with [HRYEAR4 = 2005 AND HRMONTH > 7] will have missing values of PEAFWHEN.	X	X	PM	-	-	-	-	-	-	-	-
PEAFWHN1	Edited: when did you serve in the Armed Forces? (first period) **2005:** Replaced PEAFWHEN This variable was introduced in 2005 August CPS. Therefore, cases with [HRYEAR4 = 2004 OR (HRYEAR4 = 2005 AND HRMONTH < 8)] will have missing values of PEAFWHN1.	-	-	PM	X	X	X	X	X	X	X	X
PEAFWHN2	Edited: when did you serve in the Armed Forces? (second period) **2005:** Replaced PEAFWHEN This variable was introduced in 2005 August CPS. Therefore, cases with [HRYEAR4 = 2004 OR (HRYEAR4 = 2005 AND HRMONTH < 8)] will have missing values of PEAFWHN2.	-	-	PM	X	X	X	X	X	X	X	X
PEAFWHN3	Edited: when did you serve in the Armed Forces? (third period) **2005:** Replaced PEAFWHEN This variable was introduced in 2005 August CPS. Therefore, cases with [HRYEAR4 = 2004 OR (HRYEAR4 = 2005 AND HRMONTH < 8)] will have missing values of PEAFWHN3.	-	-	PM	X	X	X	X	X	X	X	X

Changes to Variables, 2003 – 2013												
Variable		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
PEAFWHN4	Edited: when did you serve in the Armed Forces? (fourth period) **2005:** Replaced PEAFWHEN This variable was introduced in 2005 August CPS. Therefore, cases with [HRYEAR4 = 2004 OR (HRYEAR4 = 2005 AND HRMONTH < 8)] will have missing values of PEAFWHN4.	-	-	PM	X	X	X	X	X	X	X	X
PECERT1	Edited: Does this person have a currently active professional certification or a state or industry license? This variable was introduced in the 2015 January CPS, but was not added to the monthly data files until January 2017. **2017: T**his was added to the ATUS-CPS file. Cases with (HRYEAR4 = 2016 and HRMONTH < 12) will have missing values for PECERT1.	-	-	-	-	-	-	-	-	-	-	-
PECERT2	Edited: Were any of this person's certifications or licenses issued by the federal, state, or local government? This variable was introduced in the 2015 January CPS, but was not added to the monthly data files until January 2017. **2017:** This was added to the ATUS-CPS file. Cases with (HRYEAR4 = 2016 and HRMONTH < 12) will have missing values for PECERT2.	-	-	-	-	-	-	-	-	-	-	-
PECERT3	Edited: Earlier you told me that this person had a currently active professional certification or license. Is this certification or license required for the [job, main job, job from which person was on layoff, job from which person last worked]? This variable was introduced in the 2015 January CPS, but was not added to the monthly data files until January 2017. **2017:** This was added to the ATUS-CPS file. Cases with (HRYEAR4 = 2016 and HRMONTH < 12) will have missing values for PECERT3.	-	-	-	-	-	-	-	-	-	-	-
PECOHAB	Edited: Line number of cohabiting partner **2007:** This variable was introduced in 2007 January CPS. Therefore, cases with [HRYEAR4 < 2007] will have missing values of PECOHAB.	-	-	-	-	PM	X	X	X	X	X	X
PEDADTYP	Edited: Type of father **2007:** This variable was introduced in 2007 January CPS. Therefore, cases with [HRYEAR4 < 2007] will have missing values of PEDADTYP.	-	-	-	-	PM	X	X	X	X	X	X
PEDISDRS	Edited: Does person have difficulty dressing or bathing? **2008:** This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PEDISDRS.	-	-	-	-	-	PM	X	X	X	X	X
PEDISEAR	Edited: Is person deaf or does person have serious difficulty hearing? **2008:** This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PEDISEAR.	-	-	-	-	-	PM	X	X	X	X	X
PEDISEYE	Edited: Is person blind or does person have serious difficulty seeing even when wearing glasses? **2008:** This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PEDISEYE.	-	-	-	-	-	PM	X	X	X	X	X

Variable		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
	Changes to Variables, 2003 – 2013											
PEDISOUT	Edited: Because of a physical, mental, or emotional condition, does this person have difficulty doing errands alone such as visiting a doctor's office or shopping? **2008:** This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PEDISOUT.	-	-	-	-	-	PM	X	X	X	X	X
PEDISPHY	Edited: Does this person have serious difficulty walking or climbing stairs? **2008:** This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PEDISPHY.	-	-	-	-	-	PM	X	X	X	X	X
PEDISREM	Edited: Because of a physical, mental, or emotional condition, does this person have serious difficulty concentrating, remembering, or making decisions? **2008:** This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PEDISREM.	-	-	-	-	-	PM	X	X	X	X	X
PEFNTVTY	Edited: in what country was your father born? **2007:** The coding scheme for country of birth changed in 2007 January CPS. This affected some, but not all values. Therefore, some values may appear on cases with [HRYEAR4 = 2007], that do not appear on cases with [HRYEAR4 < 2007]. **2012:** The coding scheme for country of birth changed in 2012 May CPS. This affected some, but not all values. Therefore, some values may appear on cases with [HRYEAR4 = 2012 and HRMONTH > 4], that do not appear on cases with [HRYEAR4 < 2012 or HRYEAR4=2012 and HRMONTH < 5].	X	X	X	X	VC	X	X	X	X	VC	X
PEGR6COR	Edited: Did you complete six or more graduate or professional school courses? **2015:** This question was dropped from CPS in January 2015. Cases with [HRYEAR4>2014] will have missing values. **2016:** Variable no longer on ATUS-CPS file.	X	X	X	X	X	X	X	X	X	X	X
PEGRPROF	Edited: Since completing your bachelor's degree, have you taken any graduate or professional school courses for credit? **2015:** This question was dropped from CPS in January 2015. Cases with [HRYEAR4>2014] will have missing values. **2016:** Variable no longer on ATUS-CPS file.	X	X	X	X	X	X	X	X	X	X	X

Changes to Variables, 2003 – 2013												
Variable		**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**
PEIO1ICD	Edited: industry code (main job) **2009:** Beginning in the January 2009 CPS, industry data were classified using the 2007 Census Industry classification system. This system replaced the 2002 Census Industry classification system. Therefore, cases with [HRYEAR4 < 2009] will have industry data classified using the 2002 Census Industry classification system. Cases with [2008 < HRYEAR 4 < 2014] will have industry data classified using the 2007 Census Industry classification system. **2014:** Beginning in the January 2014 CPS, industry data were classified using the 2012 Census Industry classification system. This system replaced the 2007 Census Industry classification system. Therefore, cases with [2008 < HRYEAR4 < 2014] will have industry data classified using the 2007 Census Industry classification system. Cases with [HRYEAR 4 > 2013] will have industry data classified using the 2012 Census Industry classification system.	X	X	X	X	X	X	VC	X	X	X	X
PEIO2ICD	Edited: industry code (second job) **2009:** Beginning in the January 2009 CPS, industry data were classified using the 2007 Census Industry classification system. This system replaced the 2002 Census Industry classification system. Therefore, cases with [HRYEAR4 < 2009] will have industry data classified using the 2002 Census Industry classification system. Cases with [2008 < HRYEAR 4 < 2014] will have industry data classified using the 2007 Census Industry classification system. **2014:** Beginning in the January 2014 CPS, industry data were classified using the 2012 Census Industry classification system. This system replaced the 2007 Census Industry classification system. Therefore, cases with [2008 < HRYEAR4 < 2014] will have industry data classified using the 2007 Census Industry classification system. Cases with [HRYEAR 4 > 2013] will have industry data classified using the 2012 Census Industry classification system**.**	X	X	X	X	X	X	VC	X	X	X	X
PEIO1OCD	Edited: occupation code (main job) **2011:** Beginning in the January 2011 CPS, occupation data were classified using the 2010 Census Occupation Classification system. This system replaced the 2002 Census Occupation Classification system. Therefore, cases with [HRYEAR4 < 2011] will have occupation data classified using the 2002 Census Occupation Classification system. Cases with [HRYEAR 4 > 2010] will have occupation data classified using the 2010 Census Occupation Classification system.	X	X	X	X	X	X	X	X	VC	X	X
PEIO2OCD	Edited: occupation code (second job) **2011:** Beginning in the January 2011 CPS, occupation data were classified using the 2010 Census Occupation Classification system. This system replaced the 2002 Census Occupation Classification system. Therefore, cases with [HRYEAR4 < 2011] will have occupation data classified using the 2002 Census Occupation Classification system. Cases with [HRYEAR 4 > 2010] will have occupation data classified using the 2010 Census Occupation Classification system.	X	X	X	X	X	X	X	X	VC	X	X
PELAYDUR	Edited: duration of layoff (number of weeks) **2011:** Beginning in April 2011, data were topcoded at 52 weeks. For cases with [HRYEAR4=2011 and HRMONTH > 3 or HRYEAR4 > 2011], values of 52 = 52 weeks or more.	X	X	X	X	X	X	X	X	A	X	X

Variable		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
	Changes to Variables, 2003 – 2013											
PELKDUR	Edited: duration of job seeking (number of weeks) **2011:** Beginning in April 2011, data were topcoded at 119 weeks. For cases with [HRYEAR4=2011 and HRMONTH > 3 or HRYEAR4 > 2011], values of 119 = 119 weeks or more.	X	X	X	X	X	X	X	X	A	X	X
PELNDAD	Edited: Line number of father **2007:** This variable was introduced in 2007 January CPS. Therefore, cases with [HRYEAR4 < 2007] will have missing values of PELNDAD.	-	-	-	-	PM	X	X	X	X	X	X
PELNMOM	Edited: Line number of mother **2007:** This variable was introduced in 2007 January CPS. Therefore, cases with [HRYEAR4 < 2007] will have missing values of PELNMOM.	-	-	-	-	PM	X	X	X	X	X	X
PEMOMTYP	Edited: Type of mother **2007:** This variable was introduced in 2007 January CPS. Therefore, cases with [HRYEAR4 < 2007] will have missing values of PEMOMTYP.	-	-	-	-	PM	X	X	X	X	X	X
PEMNTVTY	Edited: in what country was your mother born? **2007:** The coding scheme for country of birth changed in 2007 January CPS. This affected some, but not all values. Therefore, some values may appear on cases with [HRYEAR4 = 2007], that do not appear on cases with [HRYEAR4 < 2007]. **2012:** The coding scheme for country of birth changed in 2012 May CPS. This affected some, but not all values. Therefore, some values may appear on cases with [HRYEAR4 = 2012 and HRMONTH > 4], that do not appear on cases with [HRYEAR4 < 2012 or HRYEAR4=2012 and HRMONTH < 5].	X	X	X	X	VC	X	X	X	X	VC	X
PEMS123	Edited: Was your master's degree program a one-year, two-year, or three-year program? **2015:** This question was dropped from CPS in January 2015. Cases with [HRYEAR4>2014] will have missing values. **2016:** This variable is non longer on the ATUS-CPS file.	X	X	X	X	X	X	X	X	X	X	X
PENATVTY	Edited: in what country where you born? **2007:** The coding scheme for country of birth changed in 2007 January CPS. This affected some, but not all values. Therefore, some values may appear on cases with [HRYEAR4 = 2007], that do not appear on cases with [HRYEAR4 < 2007]. **2012:** The coding scheme for country of birth changed in 2012 May CPS. This affected some, but not all values. Therefore, some values may appear on cases with [HRYEAR4 = 2012 and HRMONTH > 4], that do not appear on cases with [HRYEAR4 < 2012 or HRYEAR4=2012 and HRMONTH < 5].	X	X	X	X	VC	X	X	X	X	VC	X
PEPDEMP1	Edited: Does this person usually have any paid employees? (main job) **2014:** This variable was introduced in January 2014 CPS. Therefore cases with [HRYEAR4<2014] will have missing values.	-	-	-	-	-	-	-	-	-	-	-
PEPDEMP2	Edited: Does this person usually have any paid employees? (second job) **2014:** This variable was introduced in January 2014 CPS. Therefore cases with [HRYEAR4<2014] will have missing values.	-	-	-	-	-	-	-	-	-	-	-
PERRP	**2010:** In January 2010 CPS, edits were updated to permit same-sex unmarried couples. Same-sex married couples are coded as same-sex unmarried couples	X	X	X	X	X	X	X	A	X	X	X
PESCHENR	Edited: last week, were you enrolled in a high school, college, or university? **2013:** Beginning in January 2013 CPS, the universe for PESCHENR changed from PRTAGE=16-24 to 16-54.	X	X	X	X	X	X	X	X	X	X	A

Changes to Variables, 2003 – 2013												
Variable		**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**
PRCHLD	Presence of own children by selected age range. **2008:** An error in the calculation of PRCHLD was discovered in 2008. The variable was removed from the 2003-2007 ATUS-CPS data files in August 2008.	-	-	-	-	-	-	-	-	-	-	-
PRDASIAN	Detailed Asian recode **2013**: This variable was introduced in January 2013 CPS. Therefore, all cases with HRYEAR4=2012 will have missing values for PRDASIAN	-	-	-	-	-	-	-	-	-	-	PM
PRDISFLG	Does this person have any of these disability conditions? **2008:** This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PRDISFLG.	-	-	-	-	-	PM	X	X	X	X	X
PRDTHSP	Detailed Hispanic recode **2014**: Starting in January 2014 CPS, additional definitions for detailed hispanic groups were introduced.	X	X	X	X	X	X	X	X	X	X	X
PRDTIND1	Detailed industry recode (main job) **2009:** Starting in the January 2009 CPS, industry data were classified using the 2007 Census Industry Classification system. This system replaced the 2002 Census Industry Classification system. Therefore, cases with [HRYEAR4 < 2009] will have industry data recodes generated using the 2002 Census Industry Classification system. Cases with [2008 < HRYEAR4 < 2014] will have industry data recodes generated using the 2007 Census Industry Classification system. **2014:** Starting in the January 2014 CPS, industry data were classified using the 2012 Census Industry Classification system.	-	-	-	-	-	X	VC	X	X	X	X
PRDTIND2	Detailed industry recode (second job) **2009:** Starting in the January 2009 CPS, industry data were classified using the 2007 Census Industry Classification system. This system replaced the 2002 Census Industry Classification system. Therefore, cases with [HRYEAR4 < 2009] will have industry data recodes generated using the 2002 Census Industry Classification system. Cases with [2008 < HRYEAR4 > 2014] will have industry data recodes generated using the 2007 Census Industry Classification system. **2014:** Starting in the January 2014 CPS, industry data were classified using the 2012 Census Industry Classification system.	-	-	-	-	-	X	VC	X	X	X	X
PRDTOCC1	Detailed occupation recode (main job) **2011:** Starting in the January 2011 CPS, occupation data were classified using the 2010 Census Occupation Classification system. This system replaced the 2002 Census Occupation Classification system. Therefore, cases with [HRYEAR4 < 2011] will have occupation data recodes generated using the 2002 Census Occupation Classification system. Cases with [HRYEAR4 > 2010] will have occupation data recodes generated using the 2010 Census Occupation Classification system.	X	X	X	X	X	X	X	X	VC	X	X
PRDTOCC2	Detailed occupation recode (second job) **2011:** Starting in the January 2011 CPS, occupation data were classified using the 2010 Census Occupation Classification system. This system replaced the 2002 Census Occupation Classification system. Therefore, cases with [HRYEAR4 < 2011] will have occupation data recodes generated using the 2002 Census Occupation Classification system. Cases with [HRYEAR4 > 2010] will have occupation data recodes generated using the 2010 Census Occupation Classification system.	X	X	X	X	X	X	X	X	VC	X	X

Variable		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Changes to Variables, 2003 – 2013												
PRINUYER	Immigrant's year of entry into the US **2004:** New value of 18 added in 2004 January CPS. Therefore, values of 18 may appear on cases with [HRYEAR4 > 2003]. **2006:** New value of 19 added in 2006 January CPS. Therefore, values of 19 may appear on cases with [HRYEAR4 > 2005]. **2008:** New value of 20 added in 2008 January CPS. Therefore, values of 20 may appear on cases with [HRYEAR4 >2007]. **2010:** New value of 21 added in 2010 January CPS. Therefore, values of 21 may appear on cases with [HRYEAR4 > 2009]. **2012:** New value of 22 added in 2012 January CPS. Therefore, values of 22 may appear on cases with [HRYEAR4 > 2011]. **2014:** New value of 23 added in 2014 January CPS. Therefore, values of 23 may appear on cases with [HRYEAR4 > 2013]. **2016:** New value of 24 added in 2016 January CPS. Therefore, values of 24 may appear on cases with [HRYEAR4 > 2015]. **2018**: New value of 25 added in 2018 January CPS. Therefore, values of 24 may	X	VA	X	VA	X	VA	X	VA	X	VA	X
PRMJOCC1	Major occupation recode (main job) **2011:** Beginning in January 2011 ATUS, occupation data were classified using the 2010 Census Occupation Classification system. This system replaced the 2002 Census Occupation Classification system. Cases with [HRYEAR4 < 2011] have occupation data classified using the 2002 Census Occupation Classification System. All other cases with [HRYEAR4 > 2010] have occupation data classified using the 2010 Census Occupation Classification system.	X	X	X	X	X	X	X	X	VC	X	X
PRMJOCC2	Major occupation recode (second job) **2011:** Beginning in January 2011 ATUS, occupation data were classified using the 2010 Census Occupation Classification system. This system replaced the 2002 Census Occupation Classification system. Cases with [HRYEAR4 < 2011] have occupation data classified using the 2002 Census Occupation Classification System. All other cases with [HRYEAR4 > 2010] have occupation data classified using the 2010 Census Occupation Classification system.	X	X	X	X	X	X	X	X	VC	X	X
PRMJOCGR	Major occupation category (main job) **2011:** Beginning in January 2011 ATUS, occupation data were classified using the 2010 Census Occupation Classification system. This system replaced the 2002 Census Occupation Classification system. Cases with [HRYEAR4 < 2011] have occupation data classified using the 2002 Census Occupation Classification System. All other cases with [HRYEAR4 > 2010] have occupation data classified using the 2010 Census Occupation Classification system.	X	X	X	X	X	X	X	X	VC	X	X
PROLDRRP	Recode from new to old RRP (relationship to reference person) codes	X	X	X	-	-	-	-	-	-	-	-
PRTAGE	Age **2004:** Topcode (maximum value) increased to 85 Values of 85 were introduced in 2004 May CPS. Therefore, values of 85 may appear on cases with [HRYEAR4 > 2004 OR (HRYEAR4 = 2004 AND HRMONTH > 4)].	X	A	X	X	X	X	X	X	X	X	X
PRUNEDUR	Duration of unemployment (number of weeks) **2011:** Beginning in April 2011, data were topcoded consistent with PELAYDUR or PELKDUR.	X	X	X	X	X	X	X	X	A	X	X

Variable		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
	Changes to Variables, 2003 – 2013											
PTDTRACE	Race **2003:** New race and ethnicity definitions were introduced in 2003 January CPS. PTDTRACE is missing for household members of those selected to be interviewed for ATUS when [HRYEAR4 = 2002]. **2012:** Additional race and ethnicity definitions were introduced in 2012 May CPS.	PM	X	X	X	X	X	X	X	X	A	X
PTNMEMP1	Excluding all owners, how many paid employees does this person usually have? (main job) **2014**: This variable was introduced in January 2014 CPS. Therefore cases with [HRYEAR4 < 2014] will have missing values for PTNMEMP1.	-	-	-	-	-	-	-	-	-	-	-
PTNMEMP2	Excluding all owners, how many paid employees does this person usually have? (second job) **2014**: This variable was introduced in January 2014 CPS. Therefore cases with [HRYEAR4 < 2014] will have missing values for PTNMEMP2.	-	-	-	-	-	-	-	-	-	-	-
PUAFEVER	Did you ever serve on active duty in the U.S. Armed Forces? **2005:** Replaced by PEAFEVER This variable was discontinued in 2005 August CPS. Therefore, cases with [HRYEAR4 = 2005 AND HRMONTH > 7] will have missing values of PUAFEVER.	X	X	PM	-	-	-	-	-	-	-	-
PUPELIG	CPS eligibility code **2012:** This variable was discontinued in 2012 July CPS. Therefore, cases with [HRYEAR4 > 2012 or HRYEAR4 = 2012 AND HRMONTH > 6] will have missing values for PUPELIG.	X	X	X	X	X	X	X	X	X	PM	PM
PURKAT1	Individual was evacuated in August (possibly temporarily) due to Hurricane Katrina **2006:** This variable was introduced in 2005 November CPS. Therefore, cases with [HRYEAR4 = 2005 AND HRMONTH < 11] will have missing values of PURKAT1. **2007:** This variable was discontinued in 2006 November CPS. Therefore, cases with [(HRYEAR4 = 2006 and HRMONTH > 10) OR HRYEAR4 > 2006] will have missing values of PURKAT1.	-	-	-	PM	PM	-	-	-	-	-	-
PURKAT2	Prior residence of Hurricane Katrina evacuee **2006:** This variable was introduced in 2005 November CPS. Therefore, cases with [HRYEAR4 = 2005 AND HRMONTH < 11] will have missing values of PURKAT2. **2007:** This variable was discontinued in 2006 November CPS. Therefore, cases with [(HRYEAR4 = 2006 and HRMONTH > 10) OR HRYEAR4 > 2006] will have missing values of PURKAT2.	-	-	-	PM	PM	-	-	-	-	-	-
PWCMPWGT	CPS composite weight	X	X	X	-	-	-	-	-	-	-	-
PWFMWGT	CPS family weight	X	X	X	-	-	-	-	-	-	-	-
PWLGWGT	CPS longitudinal weight	X	X	X	-	-	-	-	-	-	-	-
PWORWGT	CPS outgoing rotation weight	X	X	X	-	-	-	-	-	-	-	-
PWSSWGT	CPS second stage weight	X	X	X	-	-	-	-	-	-	-	-
PWVETWGT	CPS veteran weight	X	X	X	-	-	-	-	-	-	-	-
PXAFEVER	PEAFEVER: allocation flag **2005:** This variable was introduced in 2005 August CPS. Therefore, cases with [HRYEAR4 = 2004 OR (HRYEAR4 = 2005 AND HRMONTH < 8)] will have missing values of PXAFEVER.	-	-	PM	X	X	X	X	X	X	X	X

Variable		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
	Changes to Variables, 2003 – 2013											
PXAFWHEN	PEAFWHEN: allocation flag **2005:** This variable was discontinued in 2005 August CPS. Therefore, cases with [HRYEAR4 = 2005 AND HRMONTH > 7] will have missing values of PXAFWHEN.	X	X	PM	-	-	-	-	-	-	-	-
PXAFWHN1	PEAFWHN1: allocation flag **2005:** This variable was introduced in 2005 August CPS. Therefore, cases with [HRYEAR4 = 2004 OR (HRYEAR4 = 2005 AND HRMONTH < 8)] will have missing values of PXAFWHN1.	-	-	PM	X	X	X	X	X	X	X	X
PXGR6COR	PEGR6COR: allocation flag **2015:** starting January 2015 CPS, PEGR6COR question no longer asked	X	X	X	X	X	X	X	X	X	X	X
PXGRPROF	PEGRPROF: allocation flag **2015:** starting January 2015 CPS, PEGRPROF question no longer asked	X	X	X	X	X	X	X	X	X	X	X
PXMS123	PEMS123: allocation flag **2015:** starting January 2015 CPS, PEMS123 question no longer asked	X	X	X	X	X	X	X	X	X	X	X
PXRACE1	PTDTRACE: allocation flag **2003:** This variable was introduced in 2003 January CPS. Therefore, cases with [HRYEAR4 = 2002] will have missing values of PXRACE1.	PM	X	X	X	X	X	X	X	X	X	X
PXCERT1	PECERT1: allocation flag **2017:** This was added to the ATUS-CPS file. Cases with (HRYEAR4 = 2016 and HRMONTH < 12) will have missing values for PECERT1.	-	-	-	-	-	-	-	-	-	-	-
PXCERT2	PECERT2: allocation flag **2017:** This was added to the ATUS-CPS file. Cases with (HRYEAR4 = 2016 and HRMONTH < 12) will have missing values for PECERT1.	-	-	-	-	-	-	-	-	-	-	-
PXCERT3	PECERT2: allocation flag **2017:** This was added to the ATUS-CPS file. Cases with (HRYEAR4 = 2016 and HRMONTH < 12) will have missing values for PECERT1.	-	-	-	-	-	-	-	-	-	-	-
PXCOHAB	PECOHAB: allocation flag **2007:** This variable was introduced in 2007 January CPS. Therefore, cases with [HRYEAR4 < 2007] will have missing values of PXCOHAB.	-	-	-	-	X	X	X	X	X	X	X
PXDADTYP	PEDADTYP: allocation flag **2007:** This variable was introduced in 2007 January CPS. Therefore, cases with [HRYEAR4 < 2007] will have missing values of PXDADTYP.	-	-	-	-	X	X	X	X	X	X	X
PXLNDAD	PELNDAD: allocation flag **2007**: This variable was introduced in 2007 January CPS. Therefore, cases with [HRYEAR4 < 2007] will have missing values of PXLNDAD.	-	-	-	-	X	X	X	X	X	X	X
PXLNMOM	PELNMOM: allocation flag **2007:** This variable was introduced in 2007 January CPS. Therefore, cases with [HRYEAR4 < 2007] will have missing values of PXLNMOM.	-	-	-	-	X	X	X	X	X	X	X
PXMOMTYP	PEMOMTYP: allocation flag **2007**: This variable was introduced in 2007 January CPS. Therefore, cases with [HRYEAR4 < 2007] will have missing values of PXMOMTYP.	-	-	-	-	X	X	X	X	X	X	X
PXNMEMP1	PTNMEMP1: allocation flag **2014**: This variable was introduced in January 2014 CPS. Therefore cases with [HRYEAR4<2014] will have missing values for PXNMEMP1.	-	-	-	-	-	-	-	-	-	-	-

Variable		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Changes to Variables, 2003 – 2013
PXNMEMP2	PTNMEMP2: allocation flag **2014**: This variable was introduced in January 2014 CPS. Therefore cases with[HRYEAR4<2014] will have missing values for PXNMEMP2.	-	-	-	-	-	-	-	-	-	-	-
PXPDEMP1	PEPDEMP1: allocation flag **2014**: This variable was introduced in January 2014 CPS. Therefore cases with [HRYEAR4<2014] will have missing values for PEPDEMP1.	-	-	-	-	-	-	-	-	-	-	-
PXPDEMP2	PEPDEMP2: allocation flag **2014**: This variable was introduced in January 2014 CPS. Therefore cases with [HRYEAR4<2014] will have missing values for PEPDEMP2.	-	-	-	-	-	-	-	-	-	-	-
PXDISDRS	PEDISDRS: allocation flag **2008**: This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PXDISDRS.	-	-	-	-	-	PM	X	X	X	X	X
PXDISEAR	PEDISEAR: allocation flag **2008**: This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PXDISEAR.	-	-	-	-	-	PM	X	X	X	X	X
PXDISEYE	PEDISEYE: allocation flag **2008**: This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PXDISEYE.	-	-	-	-	-	PM	X	X	X	X	X
PXDISOUT	PEDISOUT: allocation flag **2008**: This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PXDISOUT.	-	-	-	-	-	PM	X	X	X	X	X
PXDISREM	PEDISREM: allocation flag **2008**: This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PXDISREM.	-	-	-	-	-	PM	X	X	X	X	X
PXDISPHY	PEDISPHY: allocation flag **2008**: This variable was introduced in 2008 June CPS. Therefore, cases with [HRYEAR4 < 2008] OR [HRYEAR4 = 2008 AND HRMONTH < 6] will have missing values of PXDISPHY.	-	-	-	-	-	PM	X	X	X	X	X
TRATUSR	ATUS respondent	-	-	-	X	X	X	X	X	X	X	X
TXNEWRACE	PTDTRACE: ATUS imputation flag **2003**: New race and ethnicity definitions were introduced in 2003 January CPS. TXNEWRACE indicates imputation of PTDTRACE only for those selected to be interviewed for ATUS when [HRYEAR4 = 2002].	X	-	-	-	-	-	-	-	-	-	-
Case History file												
TR1INTST	Interview status 1 **2005**: Replaced TUINTSTAT1	-	-	X	X	X	X	X	X	X	X	X
TR2INTST	Interview status 2 **2005**: Replaced TUINTSTAT2	-	-	X	X	X	X	X	X	X	X	X
TRFNLOUT	Final outcome code **2005**: Replaced TUFINALCODE	-	-	X	X	X	X	X	X	X	X	X
TRINCEN2	Incentive expanssion case **2012**: This variable was introduced in January ATUS.	-	-	-	-	-	-	-	-	-	X	X

Changes to Variables, 2003 – 2013													
Variable		**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**
TUAVGDUR	Average duration of reported activities **2003 and 2004:** Defined only for complete interviews (TUFINALCODE = 001 or 002) **2005:** Defined for complete interviews and for cases removed for data quality concerns (TRFNLOUT = 001.001, 002.001, 230.001, 231.001, 232.001, and 233.001)	X	X	A	X	X	X	X	X	X	X	X
TUFINALCODE	Final outcome code **2005:** Replaced by TRFNLOUT	X	X	-	-	-	-	-	-	-	-	-
TUINCENT	Incentive/non-incentive case 2019: In December 2019, ATUS began a cash incentive study. All cases that were sampled in December 2019 or later will have TUINCENT = -1.	-	-	X	X	X	X	X	X	X	X	X
TUINTID	Unique anonymous interviewer ID	X	X	PM	X	X	X	X	X	X	X	X
TUINTRODATE	Day of month in which the case was introduced (panel day)	-	-	X	X	X	X	X	X	X	X	X
TUINTROPANMONTH	Month in which the case was introduced (panel month)	-	-	X	X	X	X	X	X	X	X	X
TUINTROPANYEAR	Year in which the case was introduced (panel year)	-	-	X	X	X	X	X	X	X	X	X
TUINTSTAT1	Interview status1 **2003:** TUFINALCODE = 19 is classified as TUINTSTAT1 = 2 (eligible non-interview) **2004:** TUFINALCODE = 19 is classified as TUINTSTAT1 = 3 (not eligible) **2005:** Replaced by TR1INTST	X	A	-	-	-	-	-	-	-	-	-
TUINTSTAT2	Interview status 2 **2003:** TUFINALCODE = 19 is classified as TUINTSTAT2 = 5 (other) **2004:** TUFINALCODE = 19 is classified as TUINTSTAT2 = 6 (not eligible) **2005:** Replaced by TR2INTST	X	A	-	-	-	-	-	-	-	-	-
TULNGSKL	Household identified as needing interviewer with foreign language	-	-	-	X	X	X	X	X	X	X	X
TUTOTACTNO	Total number of activities reported **2003 and 2004:** Defined only for complete interviews (TUFINALCODE = 001 or 002) **2005:** Defined for complete interviews and for cases removed for data quality concerns (TRFNLOUT = 001.001, 002.001, 230.001, 231.001, 232.001, and 233.001)	X	X	A	X	X	X	X	X	X	X	X
Call History File (starting in 2004)												
TRFNLCLL	Final call outcome **2005:** Replaced TUOUTCOMECODE	-	-	X	X	X	X	X	X	X	X	X
TUATTMWEEK	Which week (out of 8) call was made	-	-	-	X	X	X	X	X	X	X	X
TUOUTCOMECODE	Call outcome code **2005:** Replaced by TRFNLCLL	-	X	-	-	-	-	-	-	-	-	-